

FIG. 1

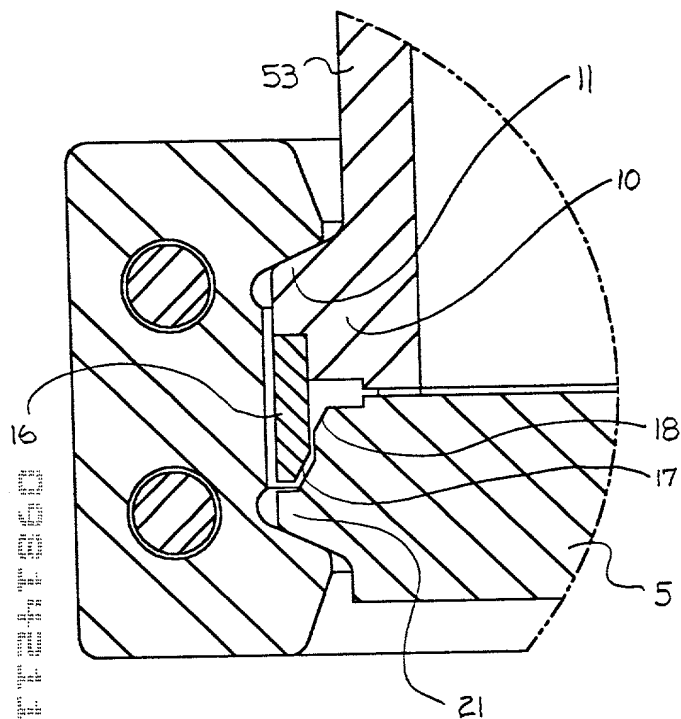


FIG. 2

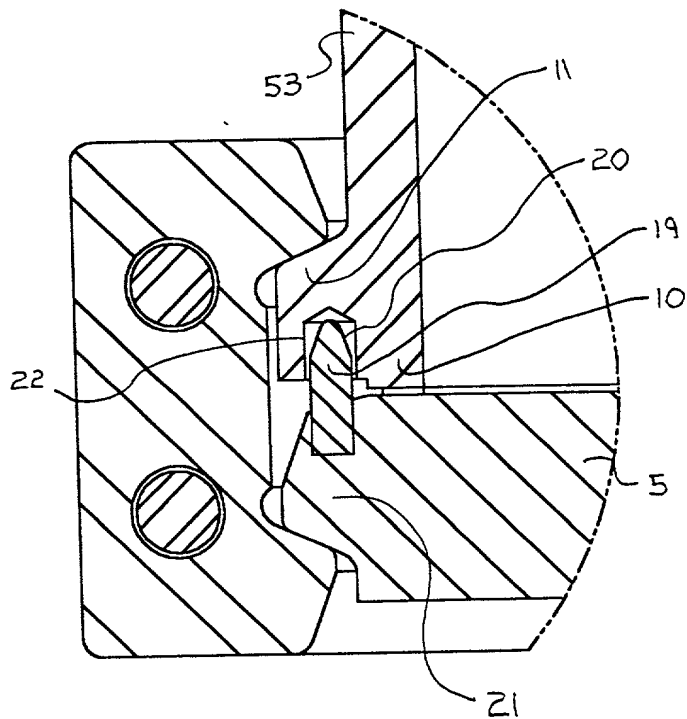


FIG. 3

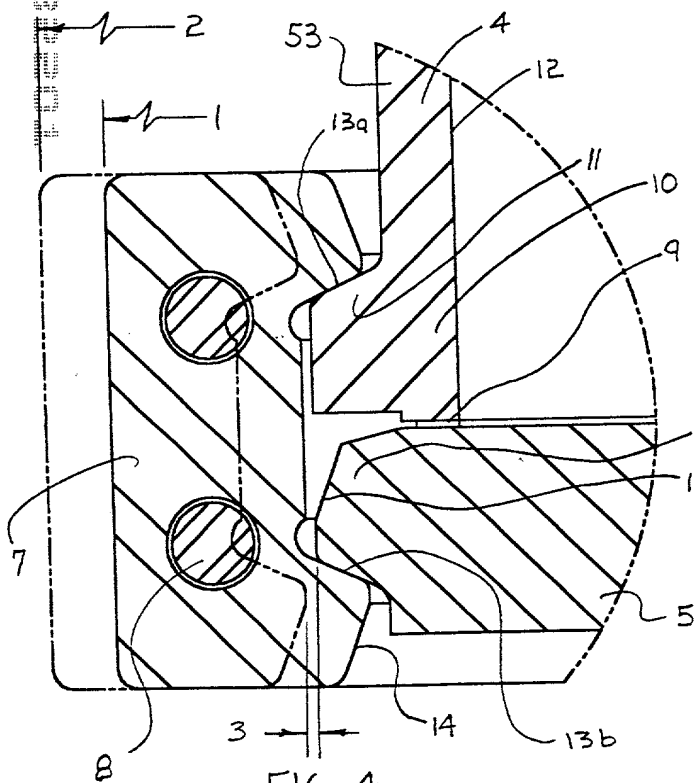


FIG. 4

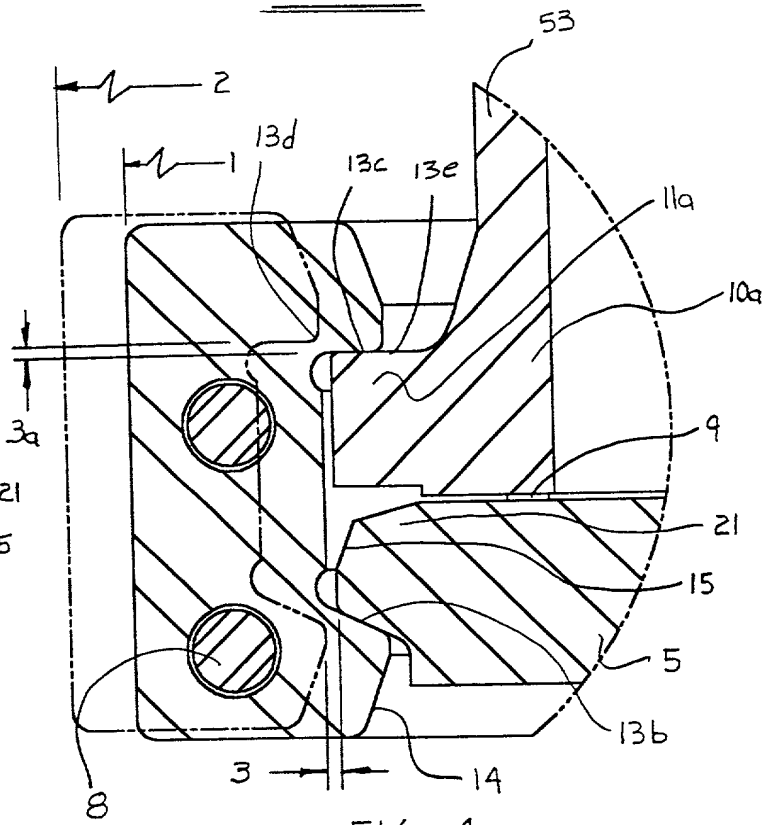


FIG. 4a

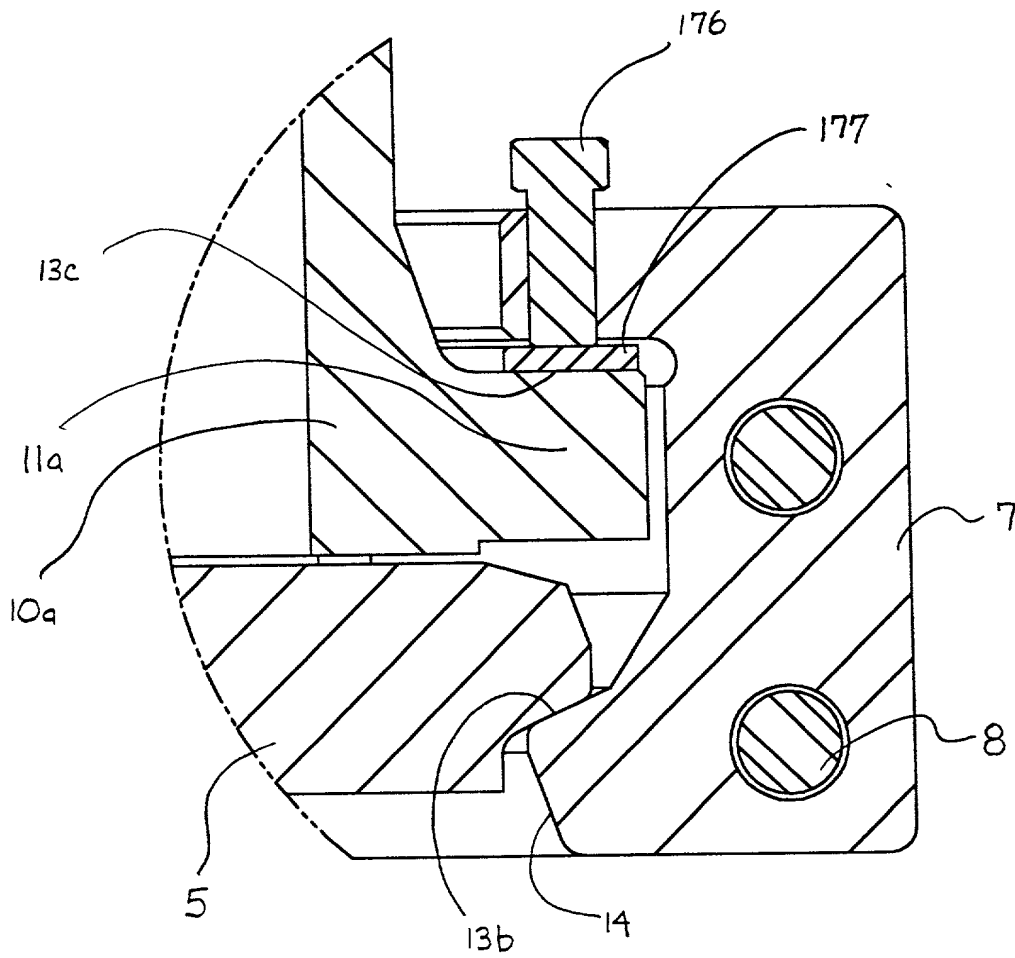


FIG. 4b

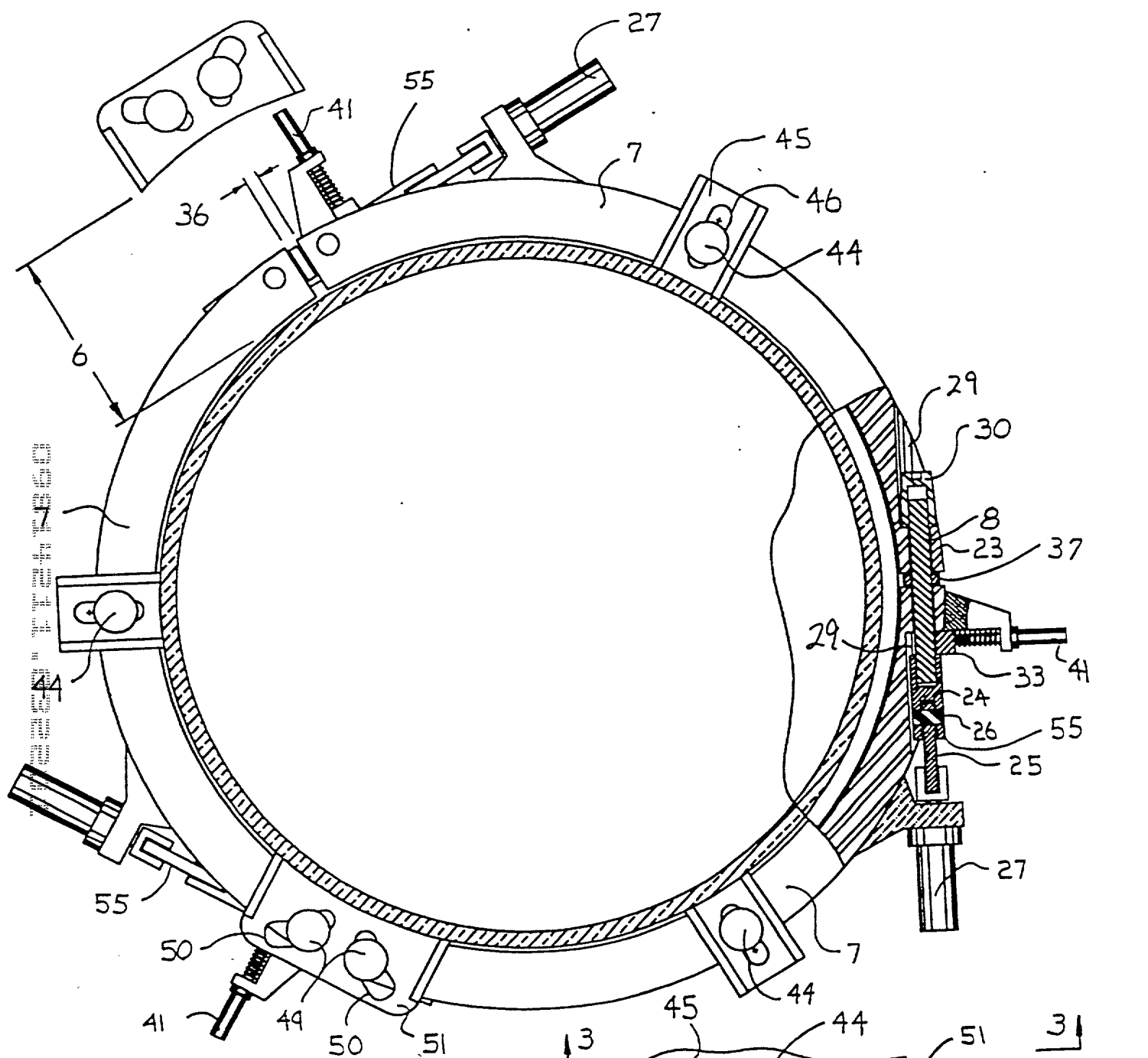


FIG. 5

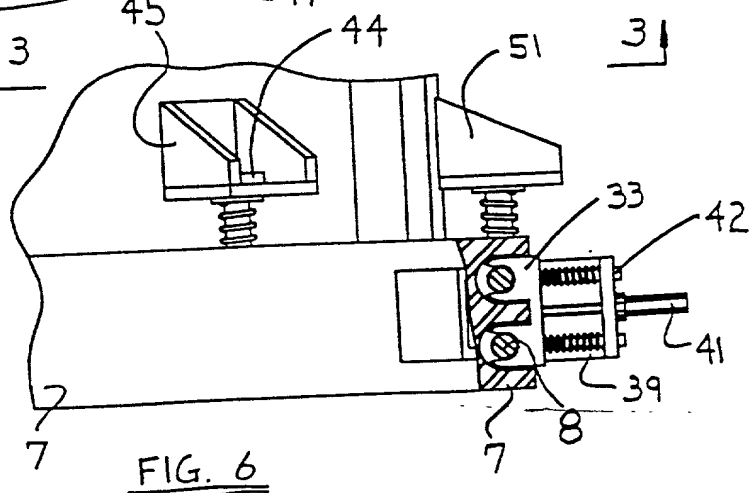


FIG. 6

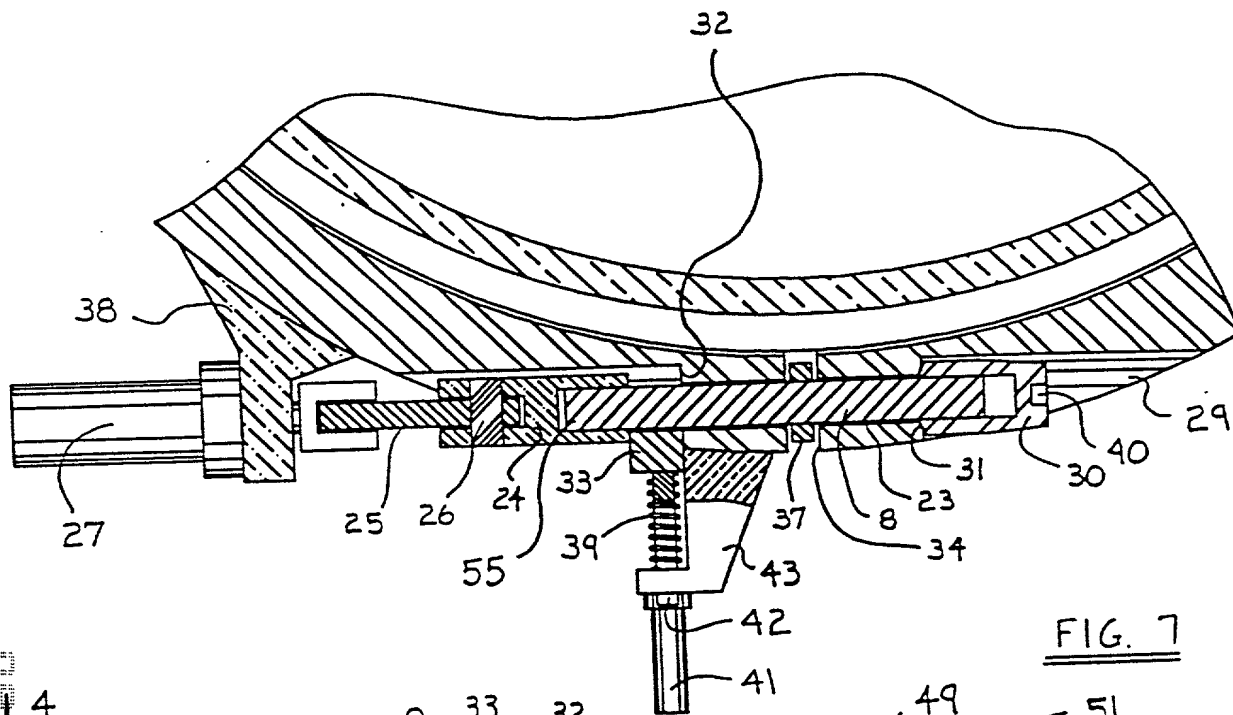


FIG. 7

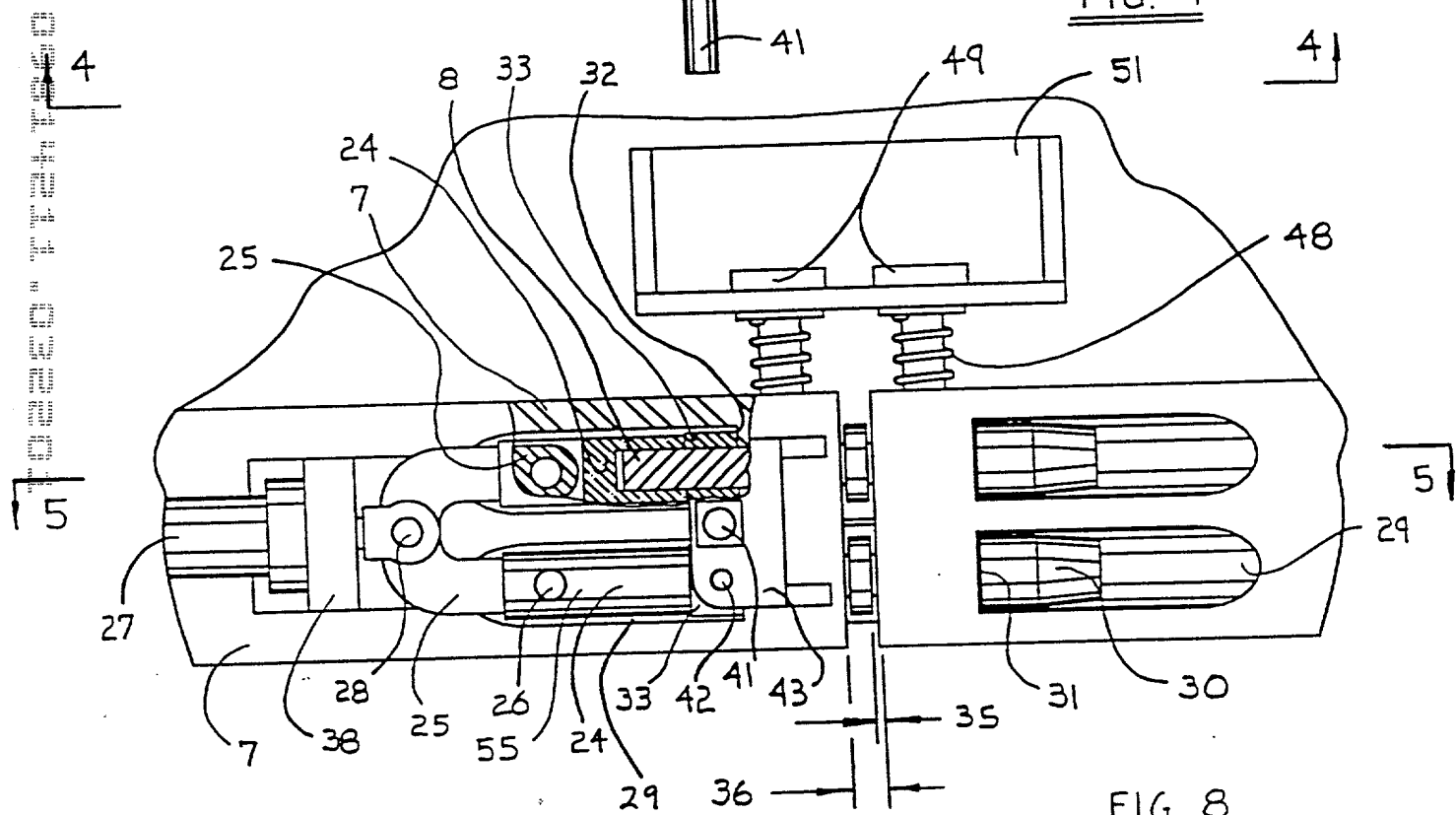
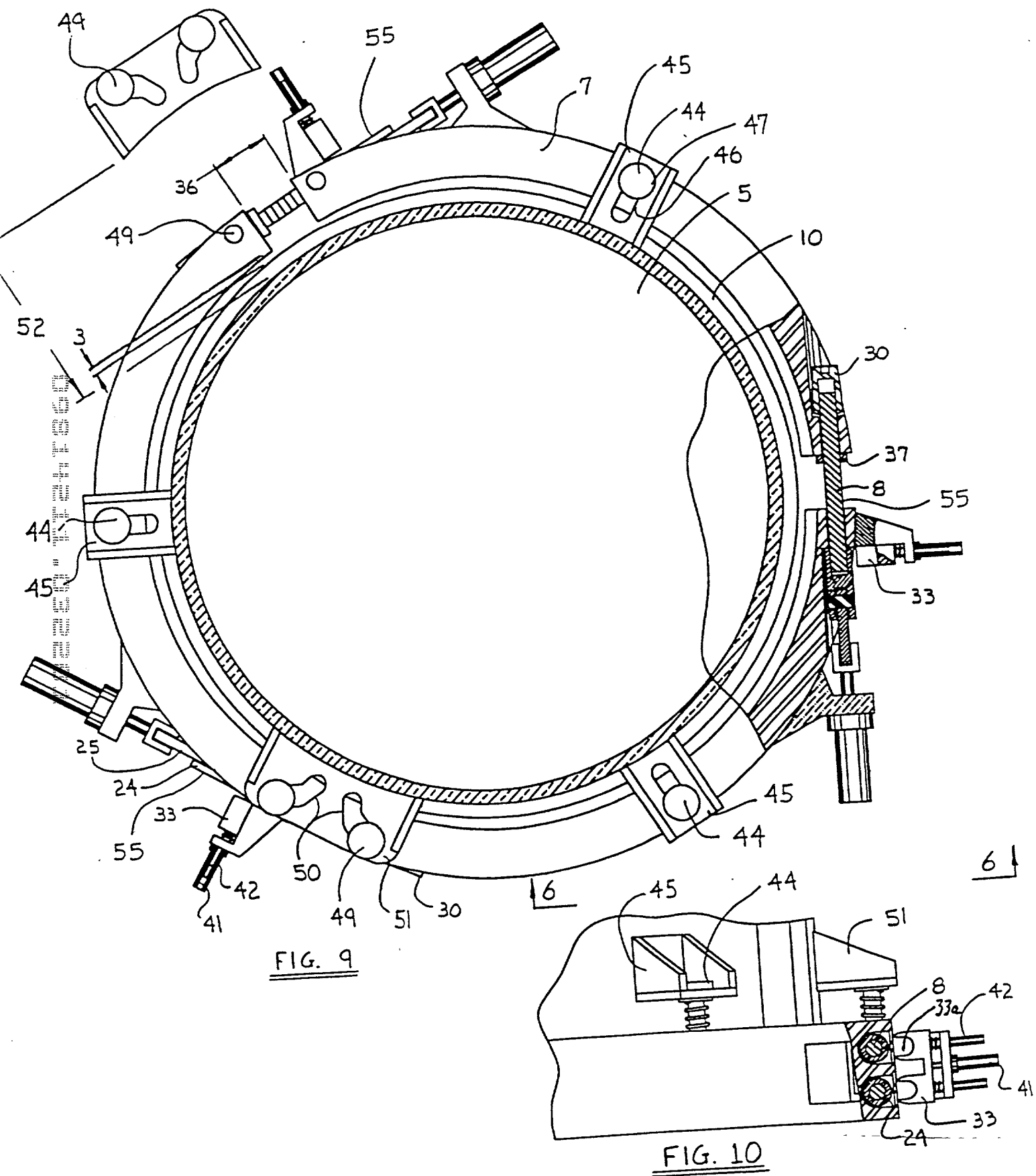


FIG. 8



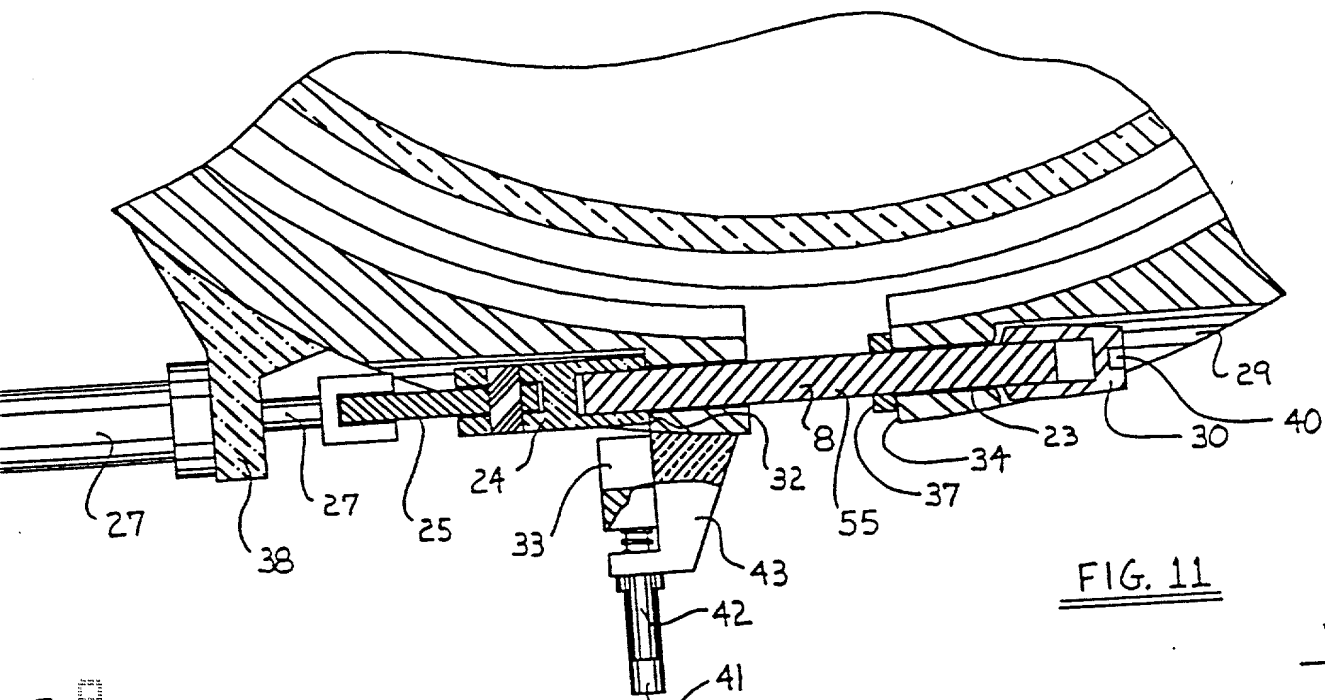


FIG. 11

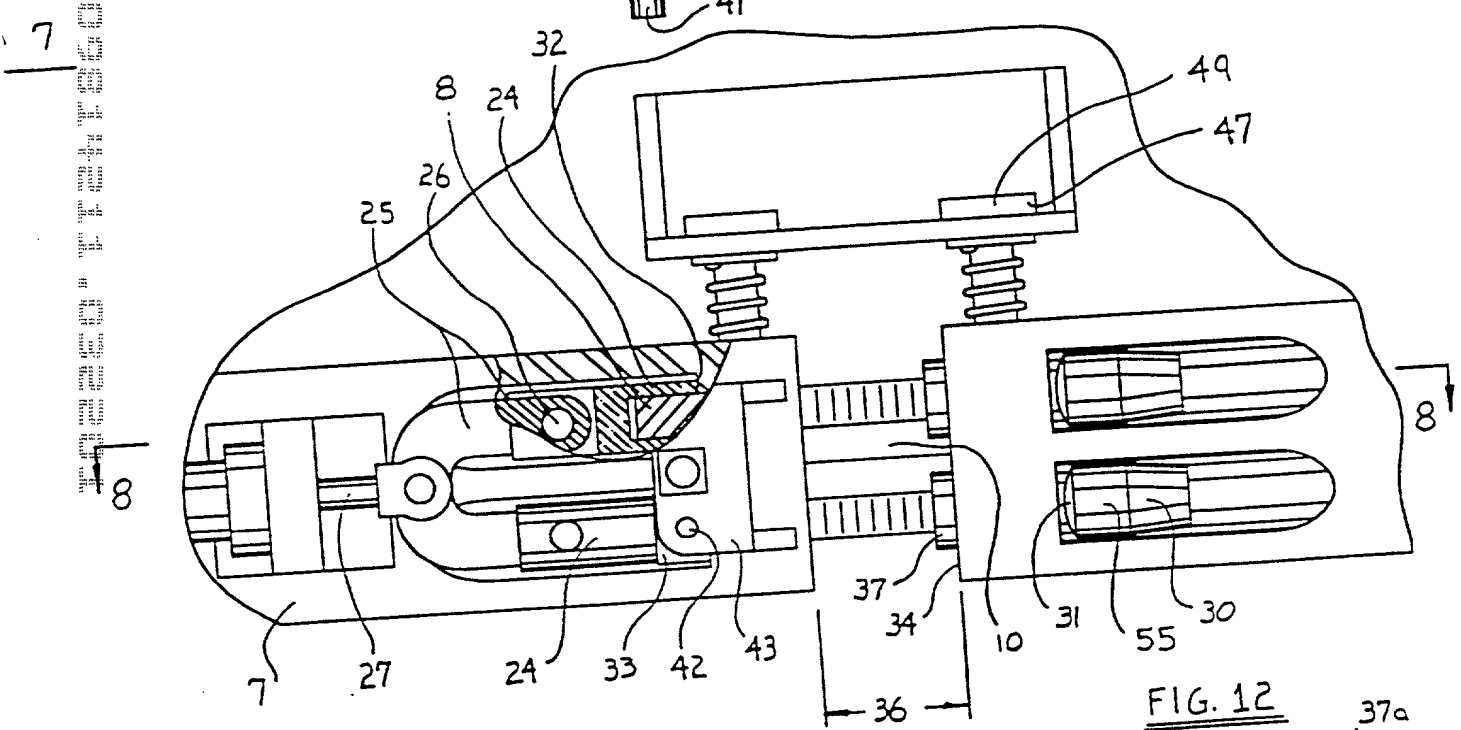


FIG. 12

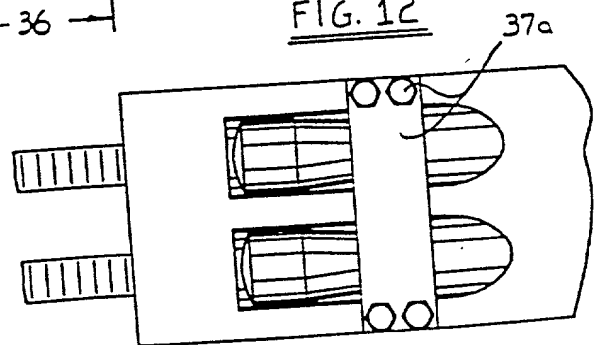


FIG. 13

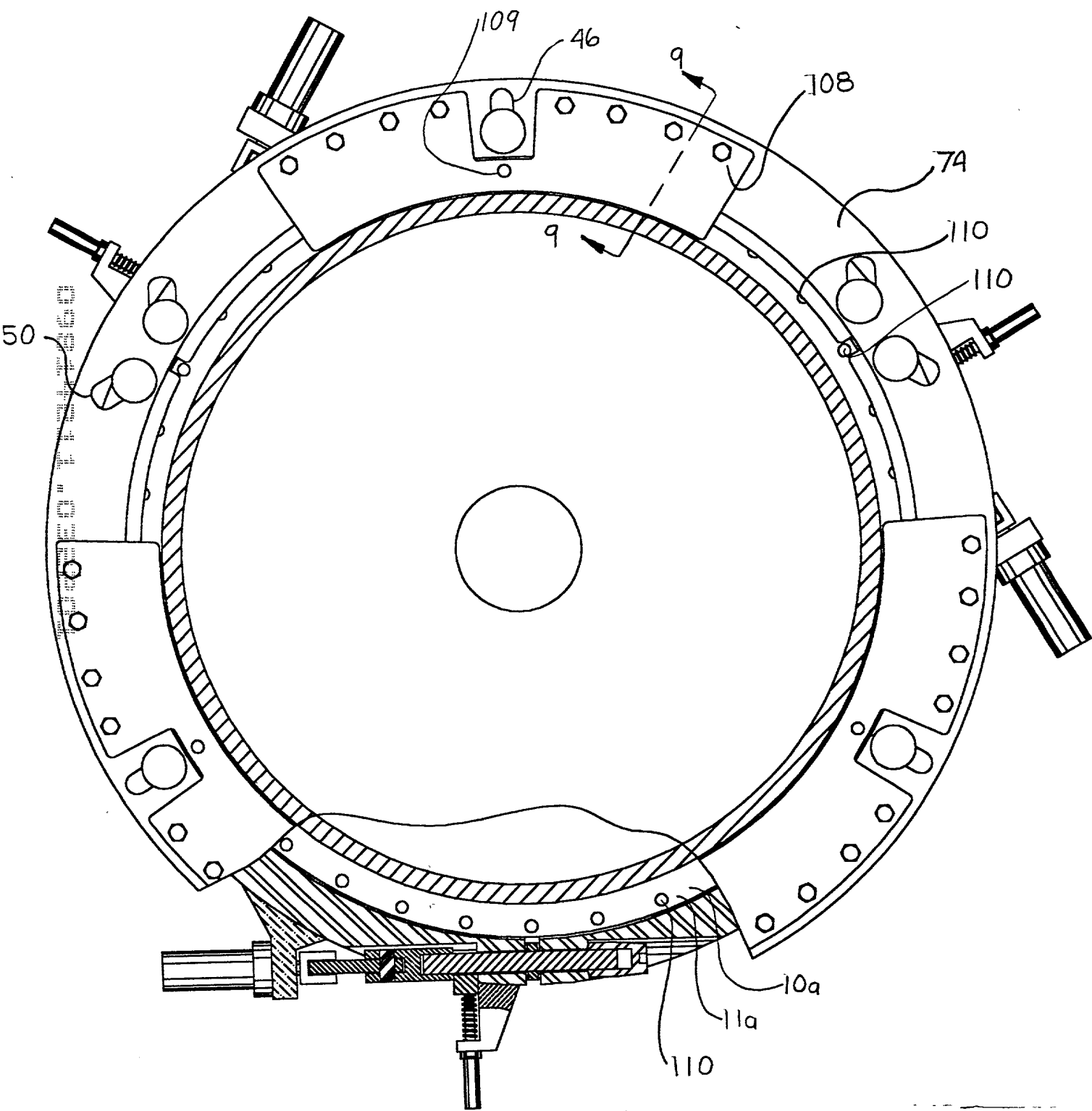


FIG. 14





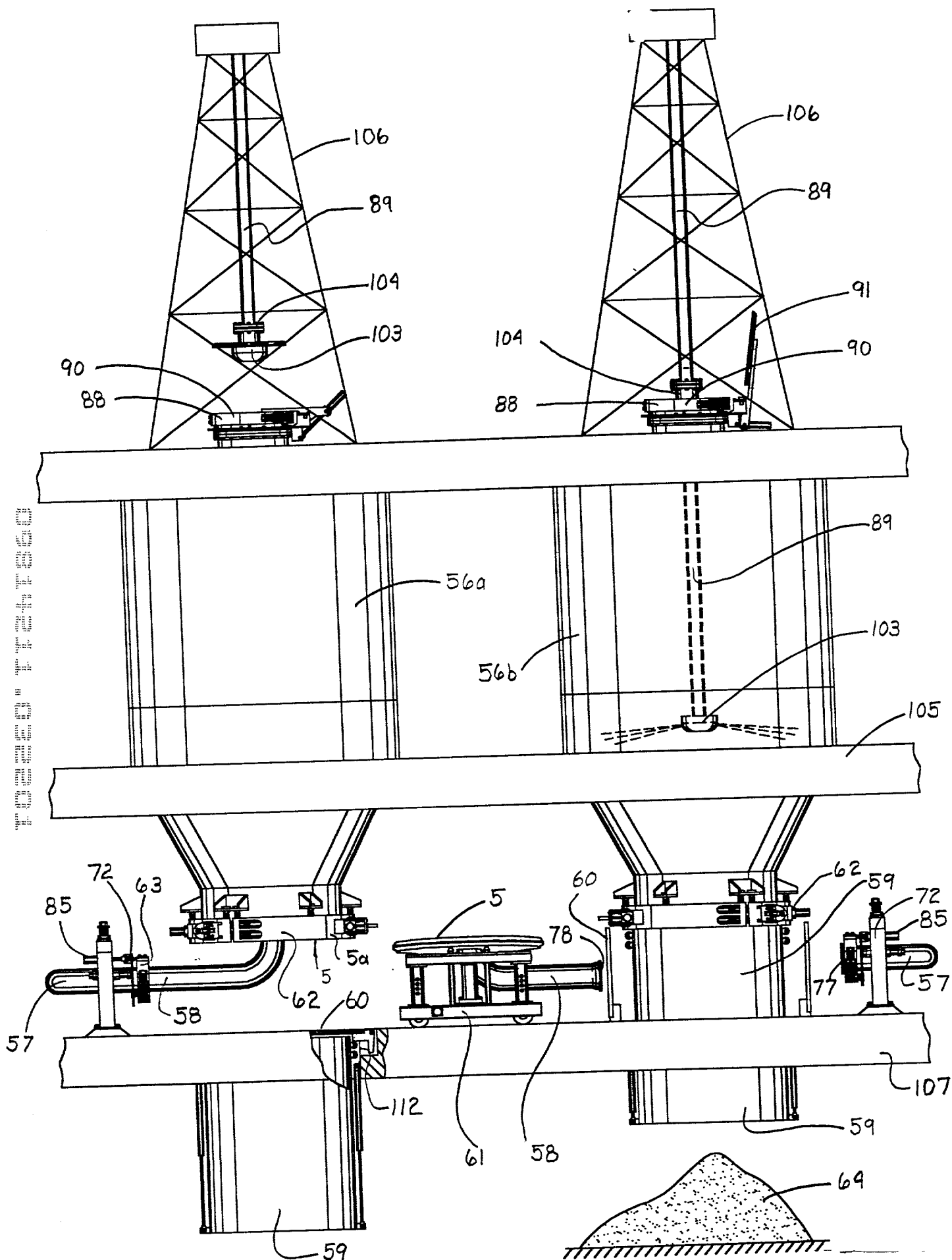


FIG. 16

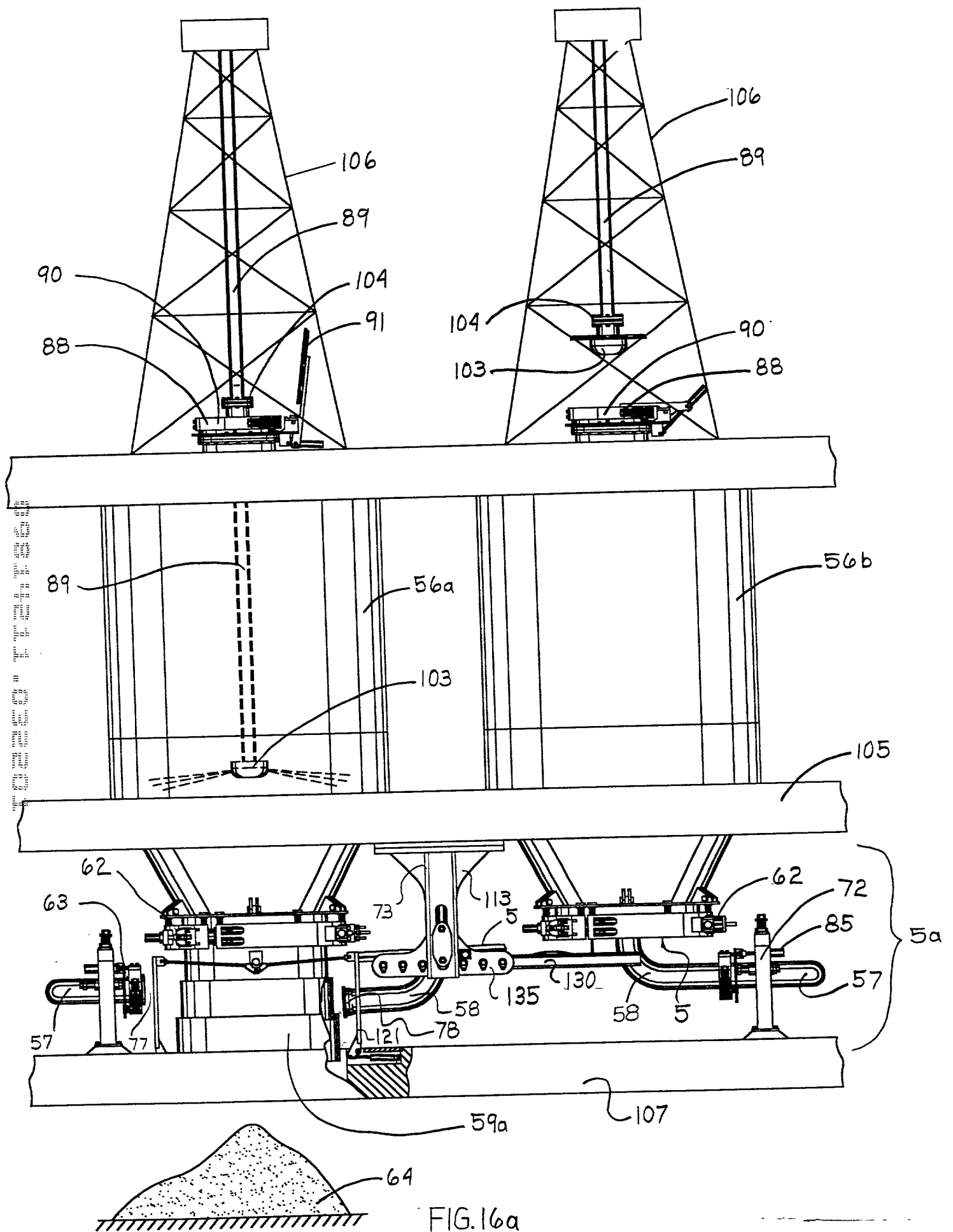


FIG. 16a

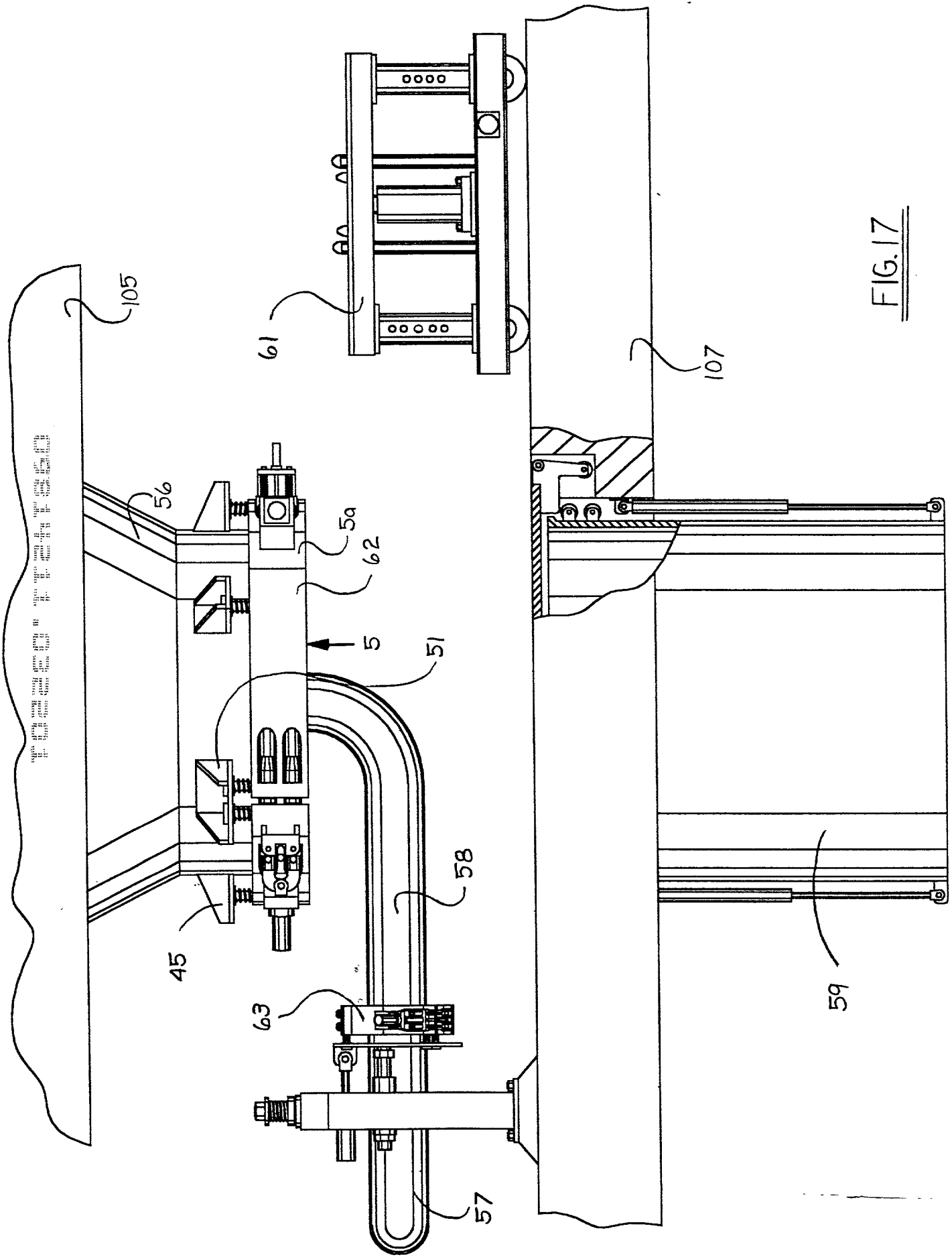


FIG. 17



FIG. 19 is a perspective view of the device of FIG. 18, showing the device in a closed position. The device is shown in a perspective view, and the components are labeled with reference numerals. The device is shown in a perspective view, and the components are labeled with reference numerals.

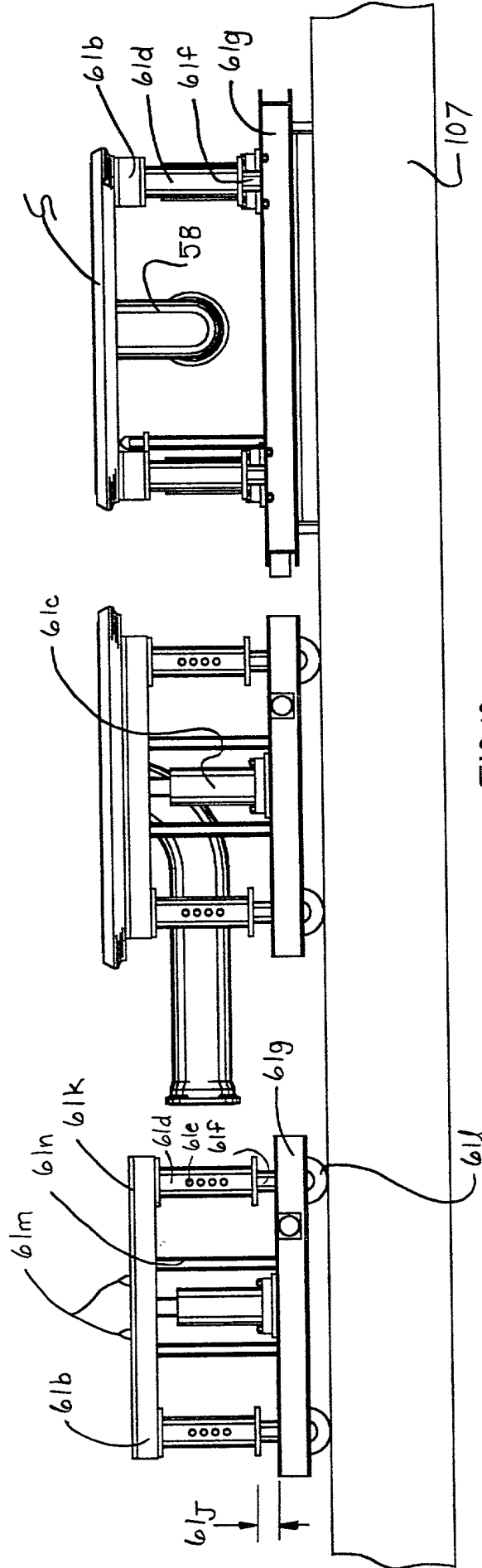


FIG. 19

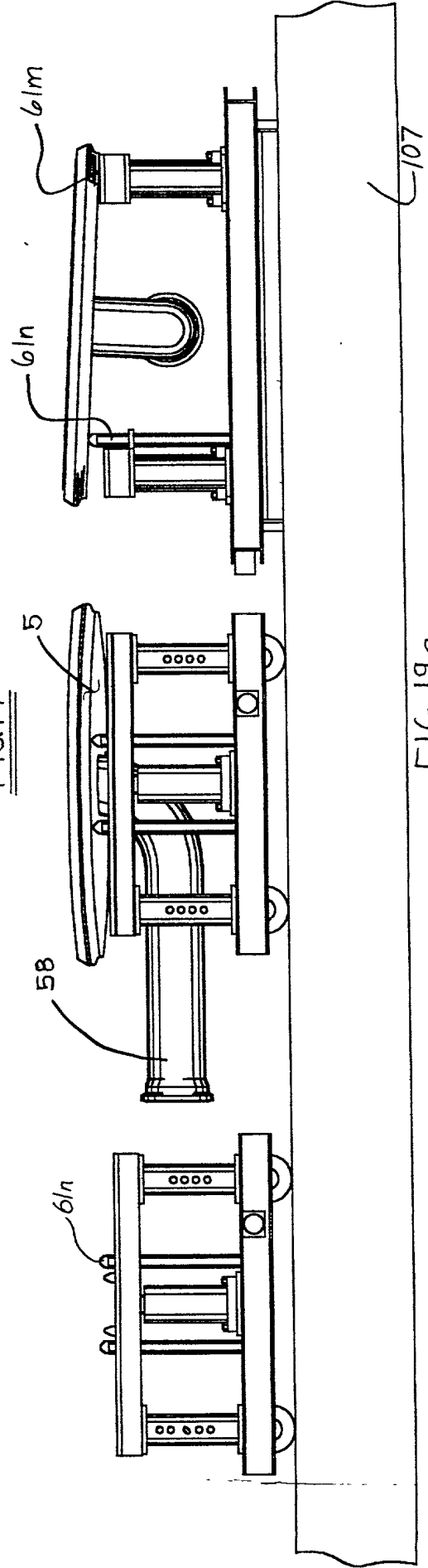


FIG. 19a

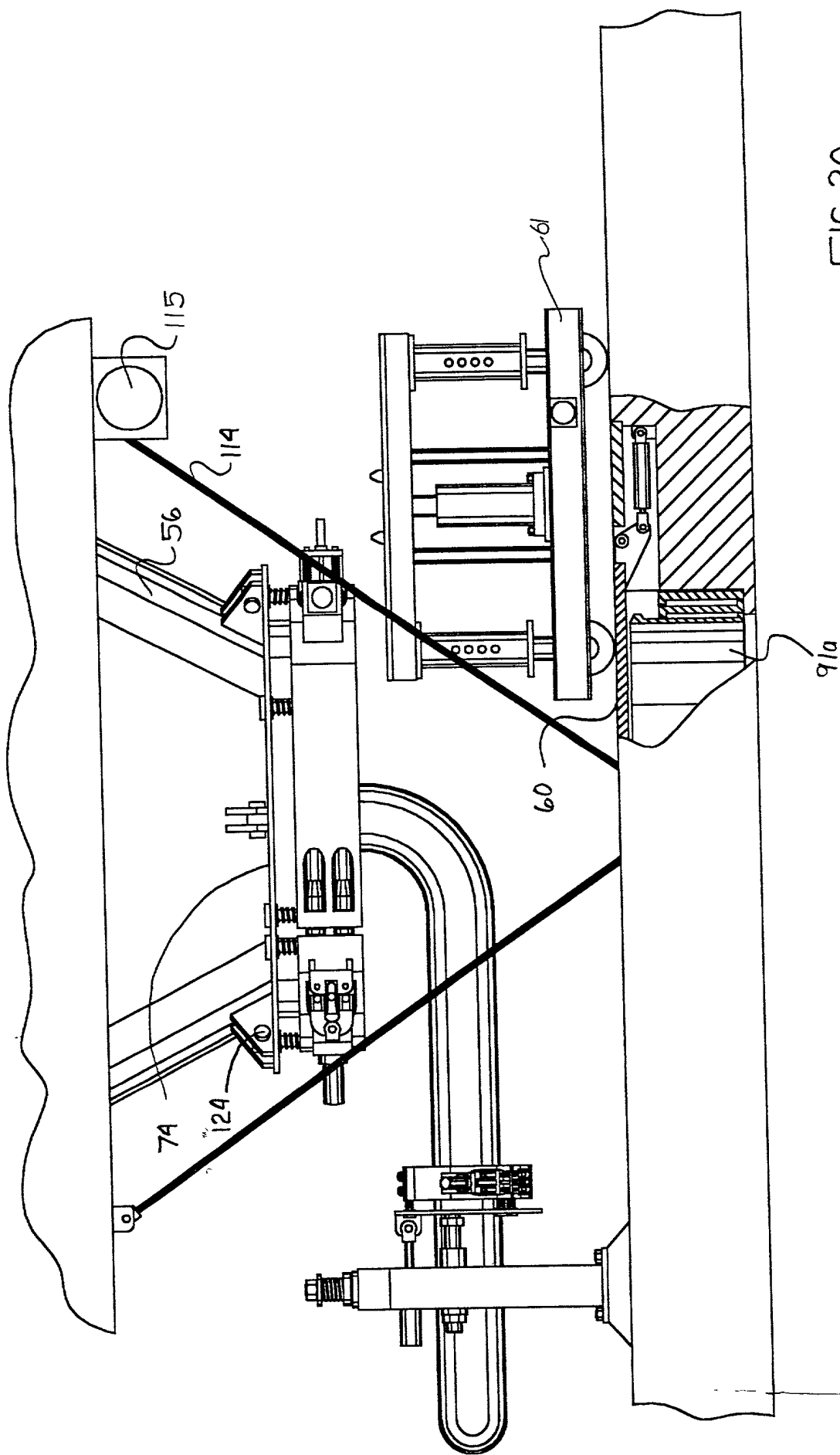
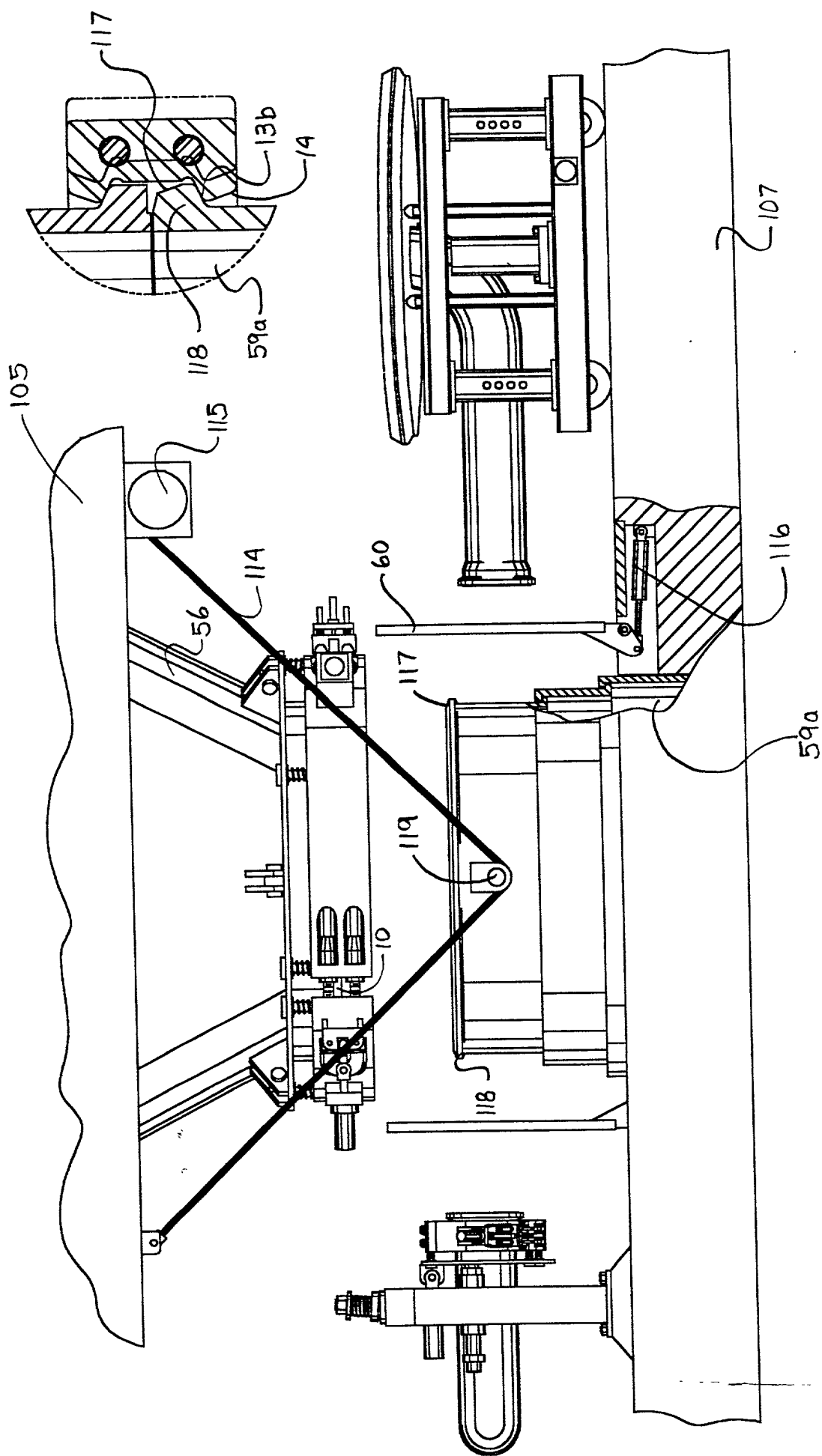
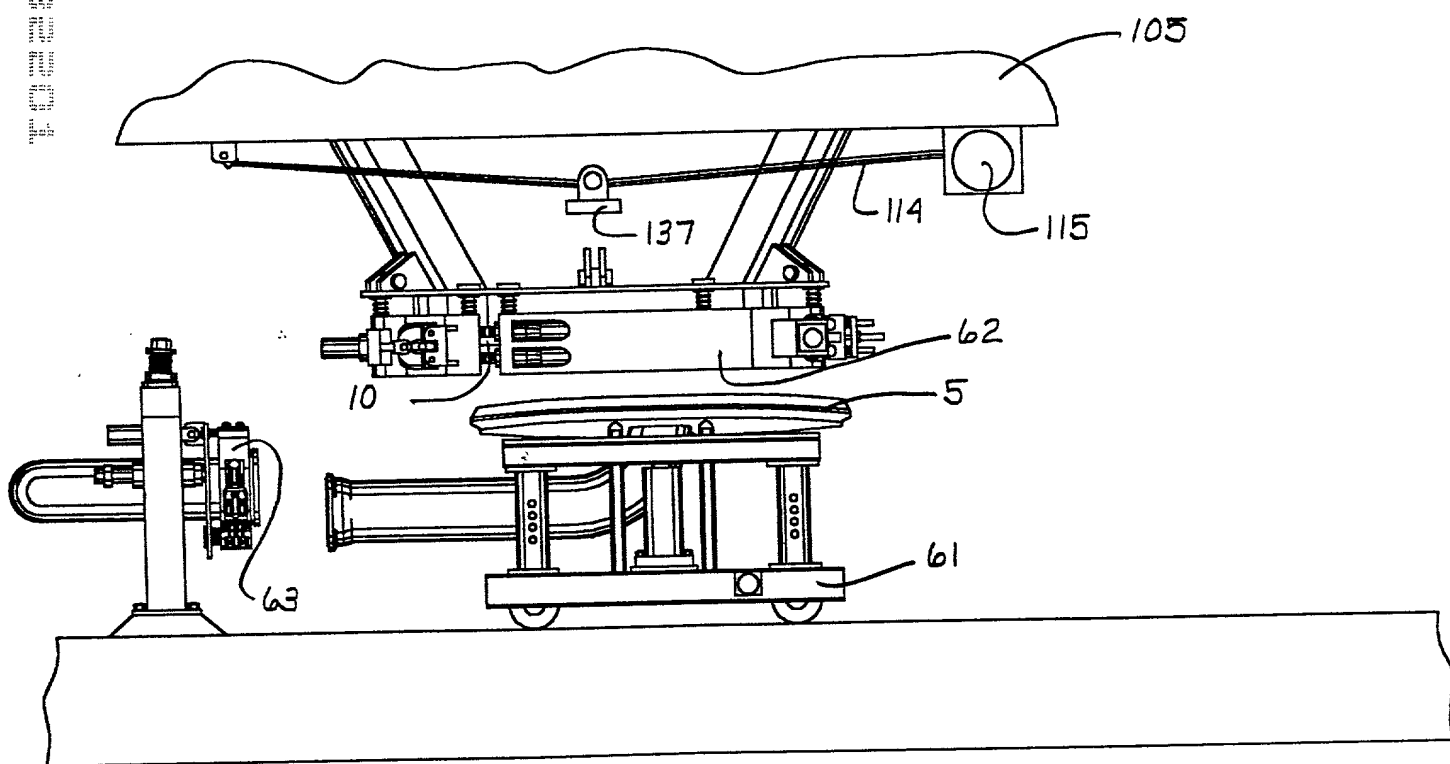
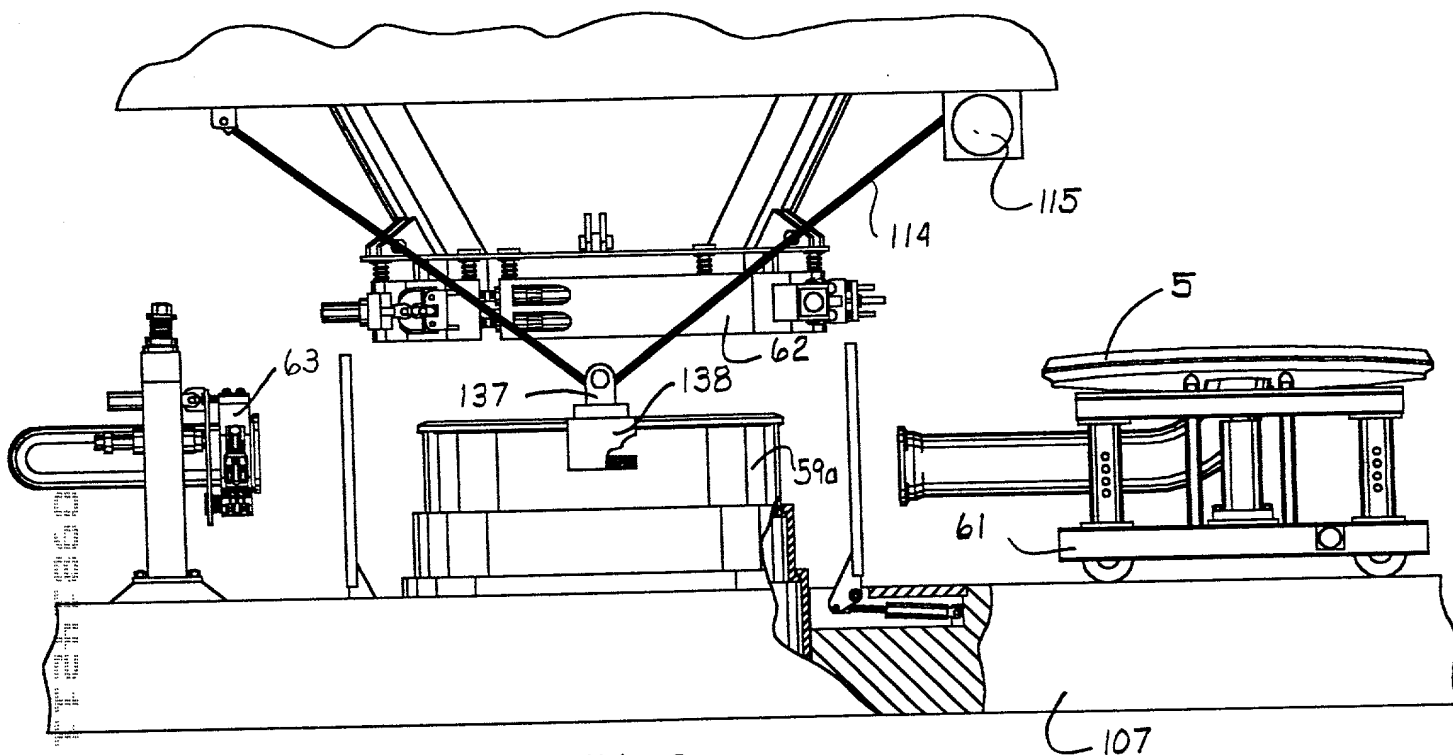


FIG. 20

FIG. 21





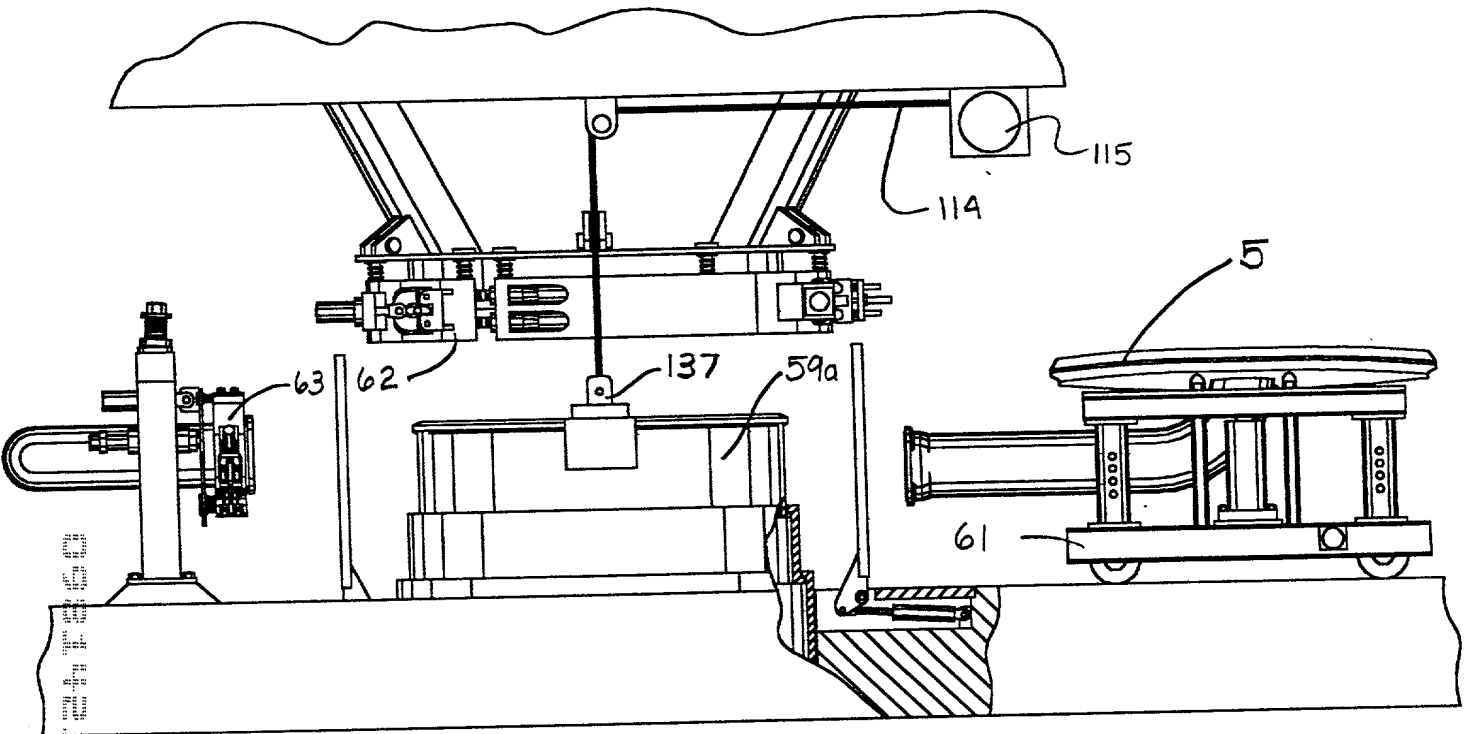


FIG. 21c

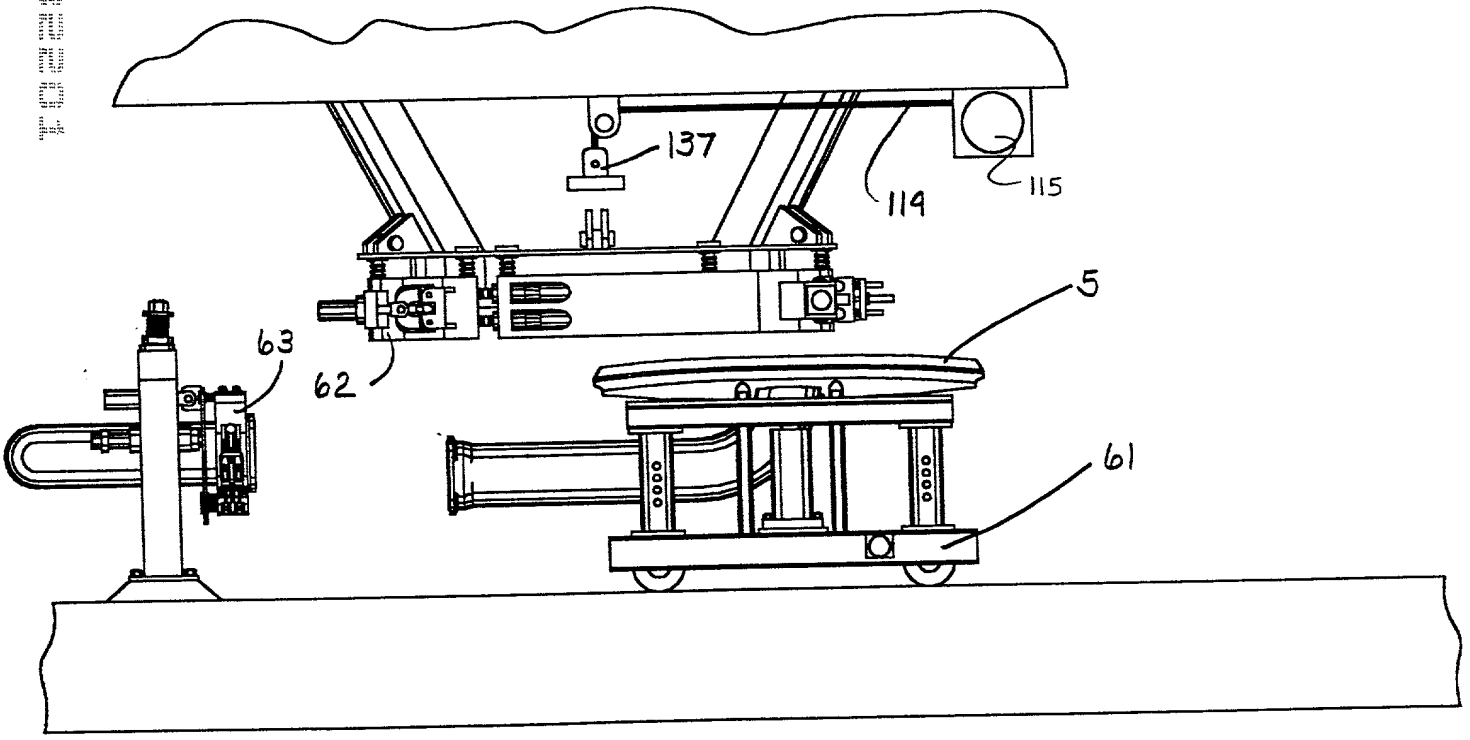


FIG. 21d

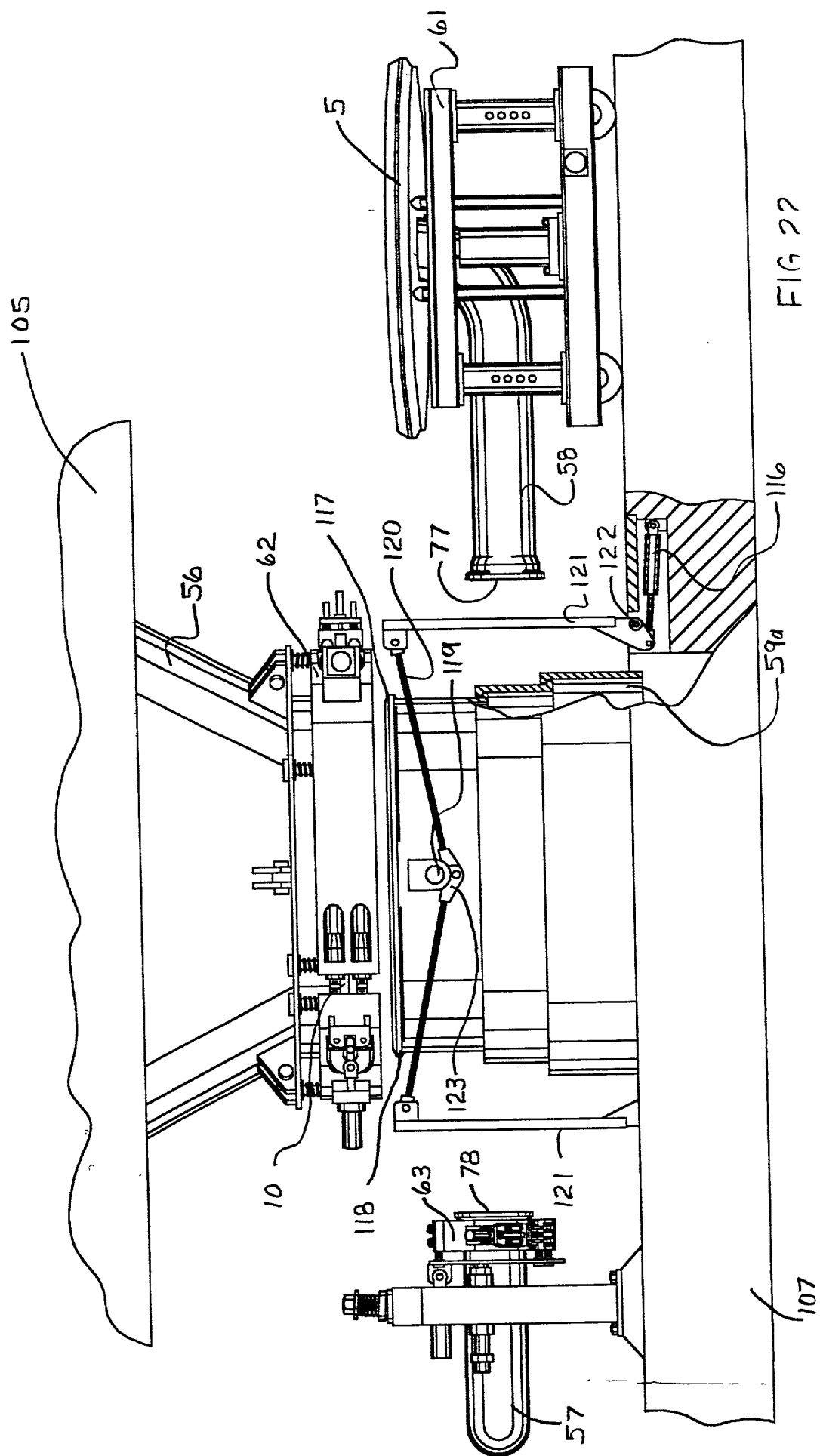




FIG. 24 is a perspective view of the system 10, showing the base 5, the support structure 105, the sensor assembly 130, and the control unit 153. The system 10 is configured to monitor the position and orientation of the base 5 relative to the support structure 105.

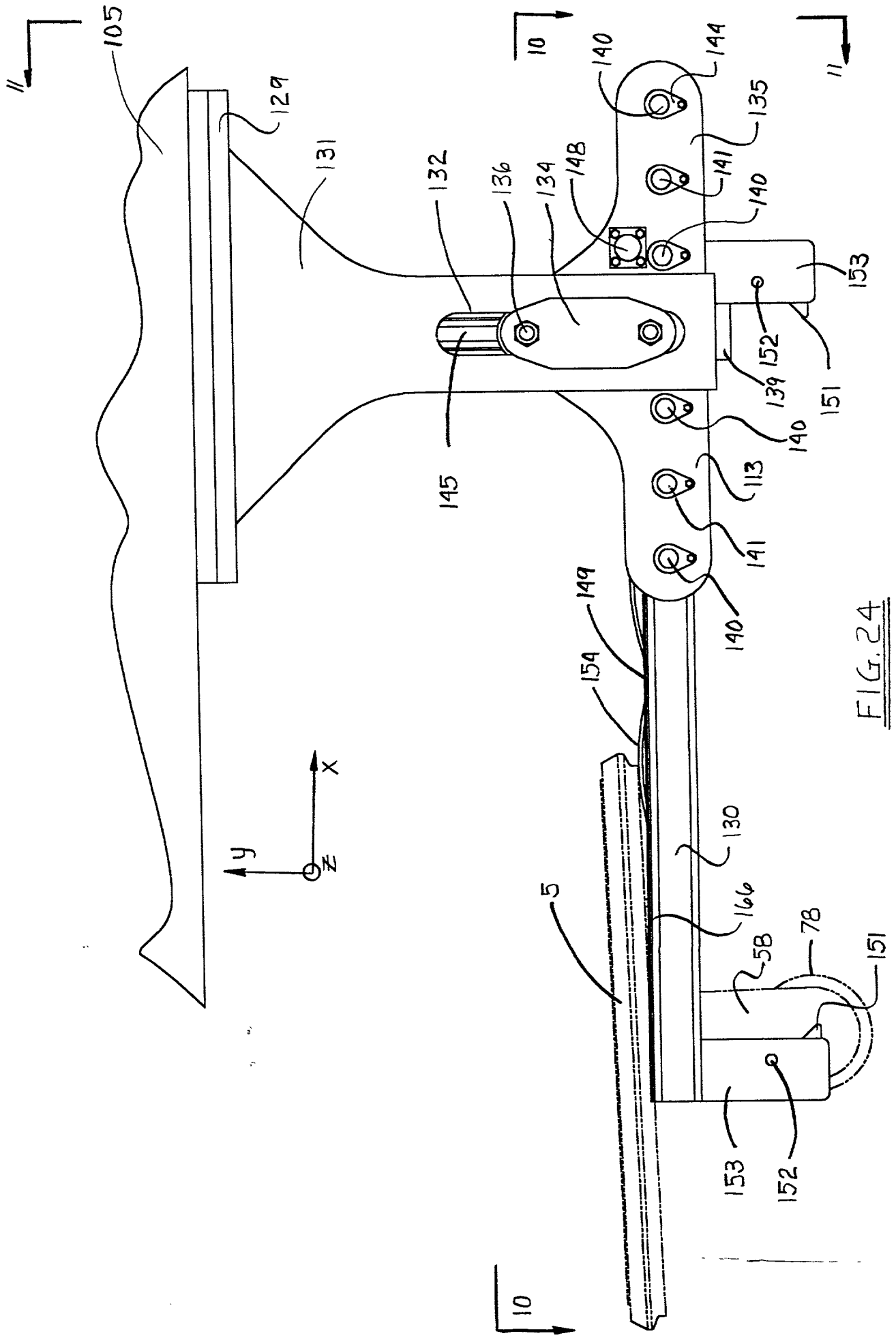


FIG. 24

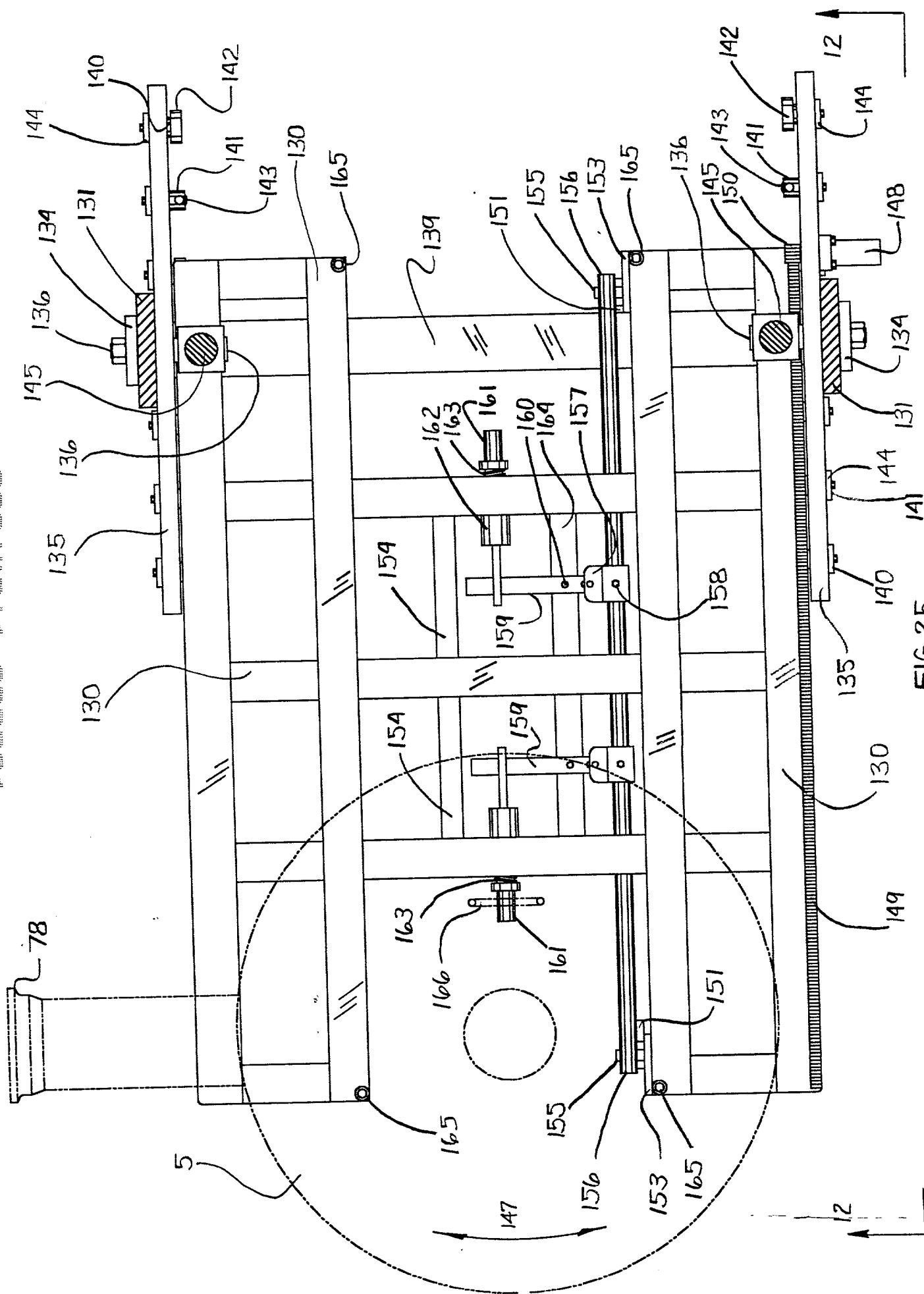
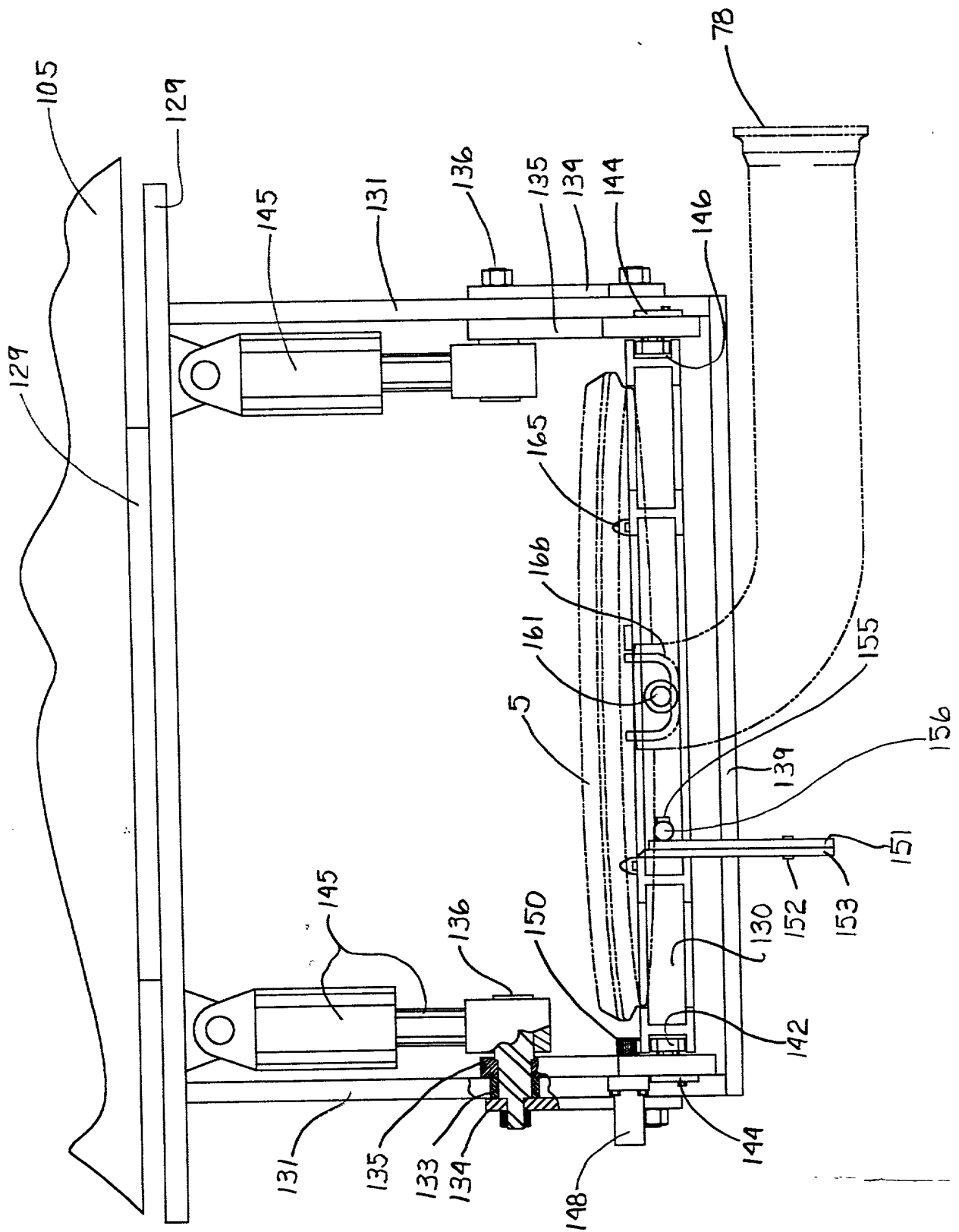


FIG. 25

Flg. 26

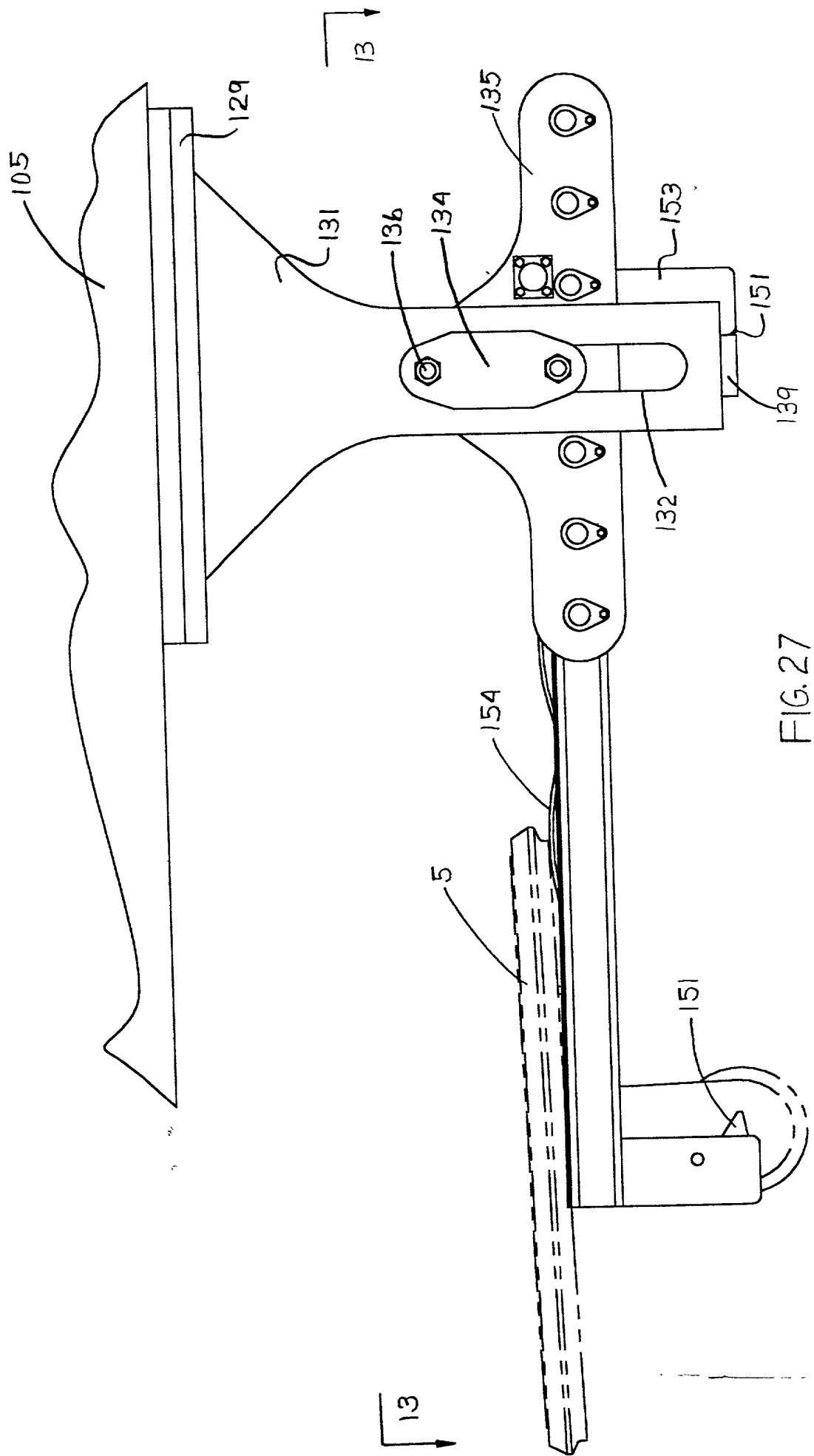
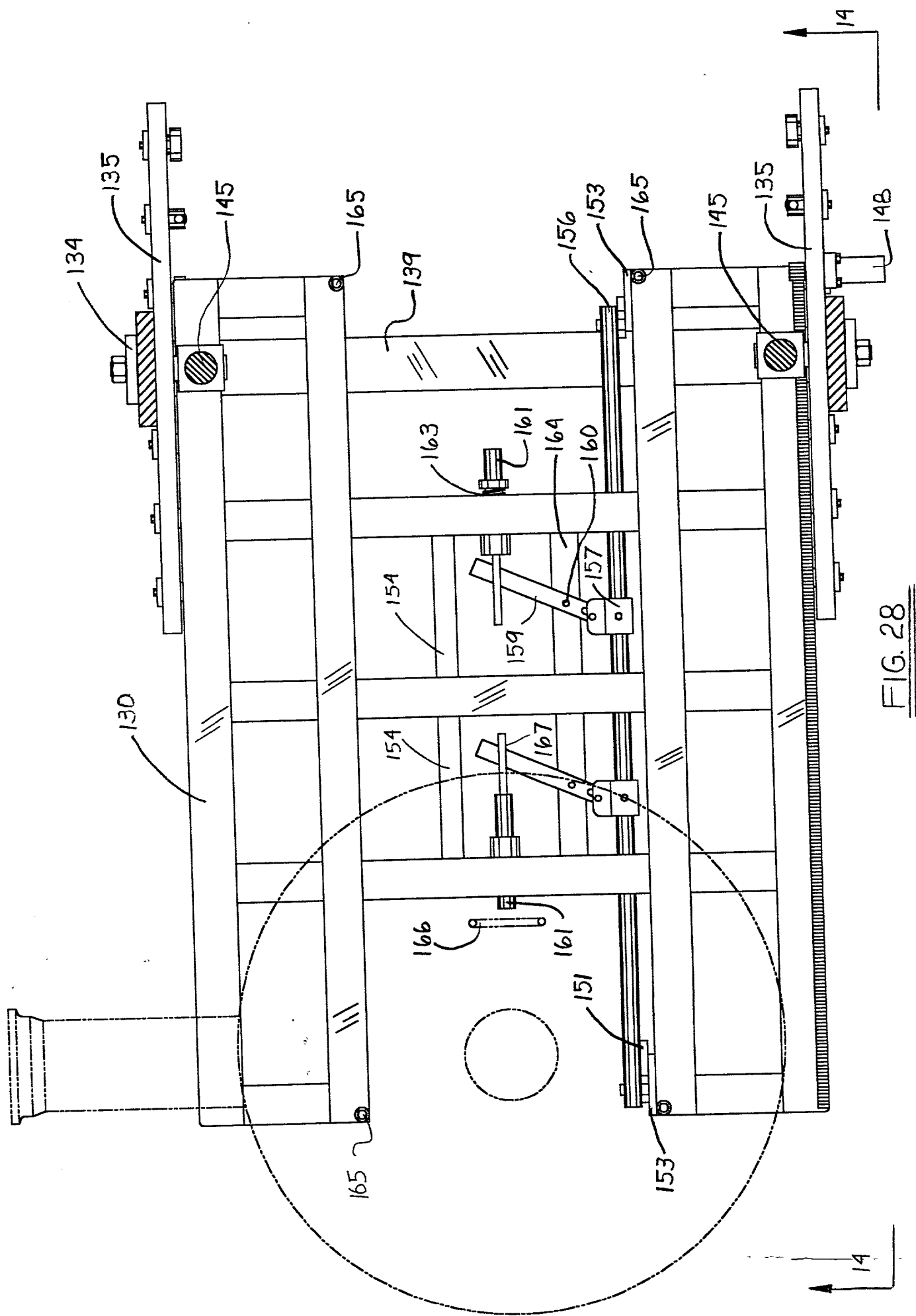
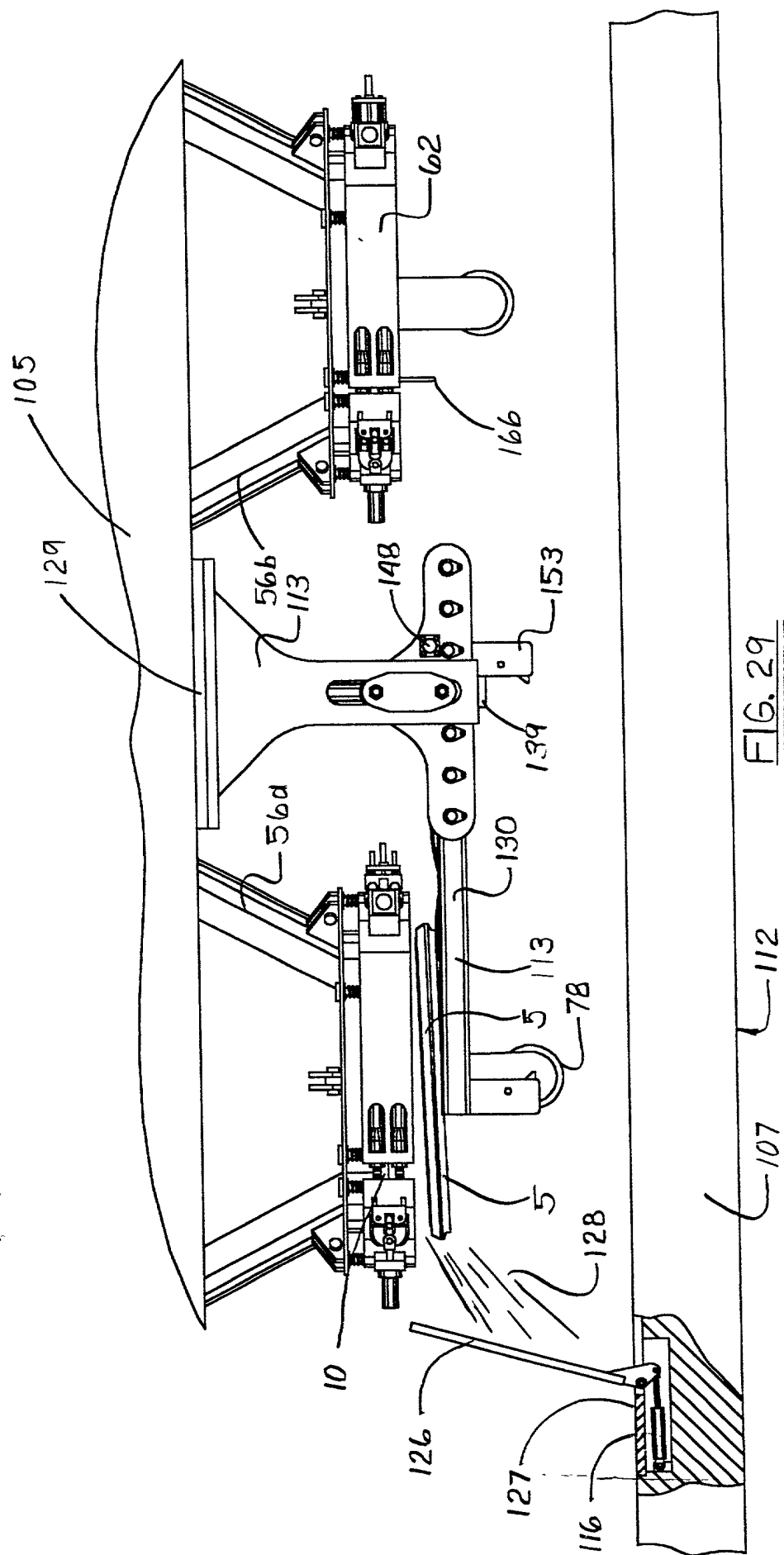


FIG. 27







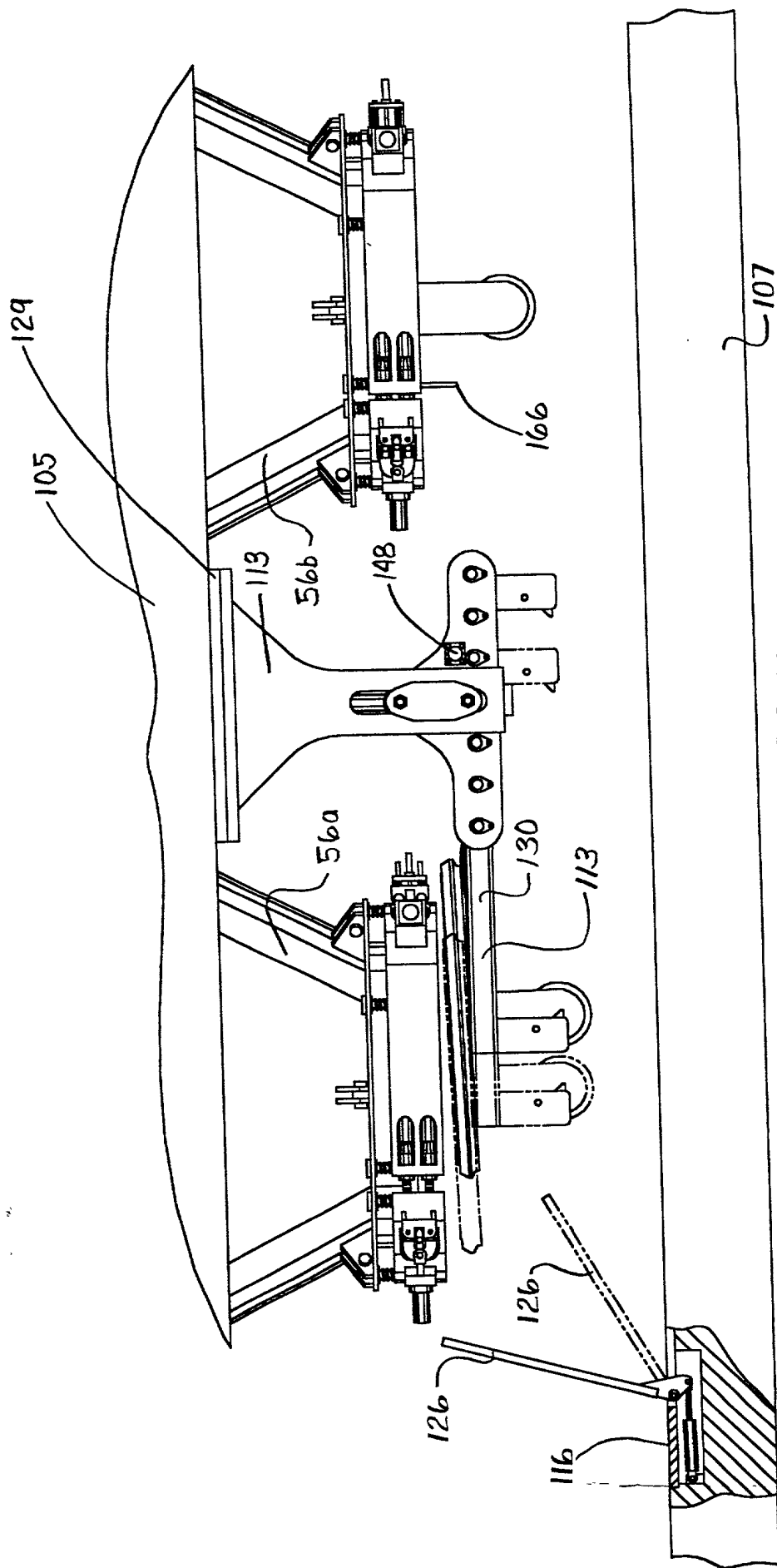


FIG. 30



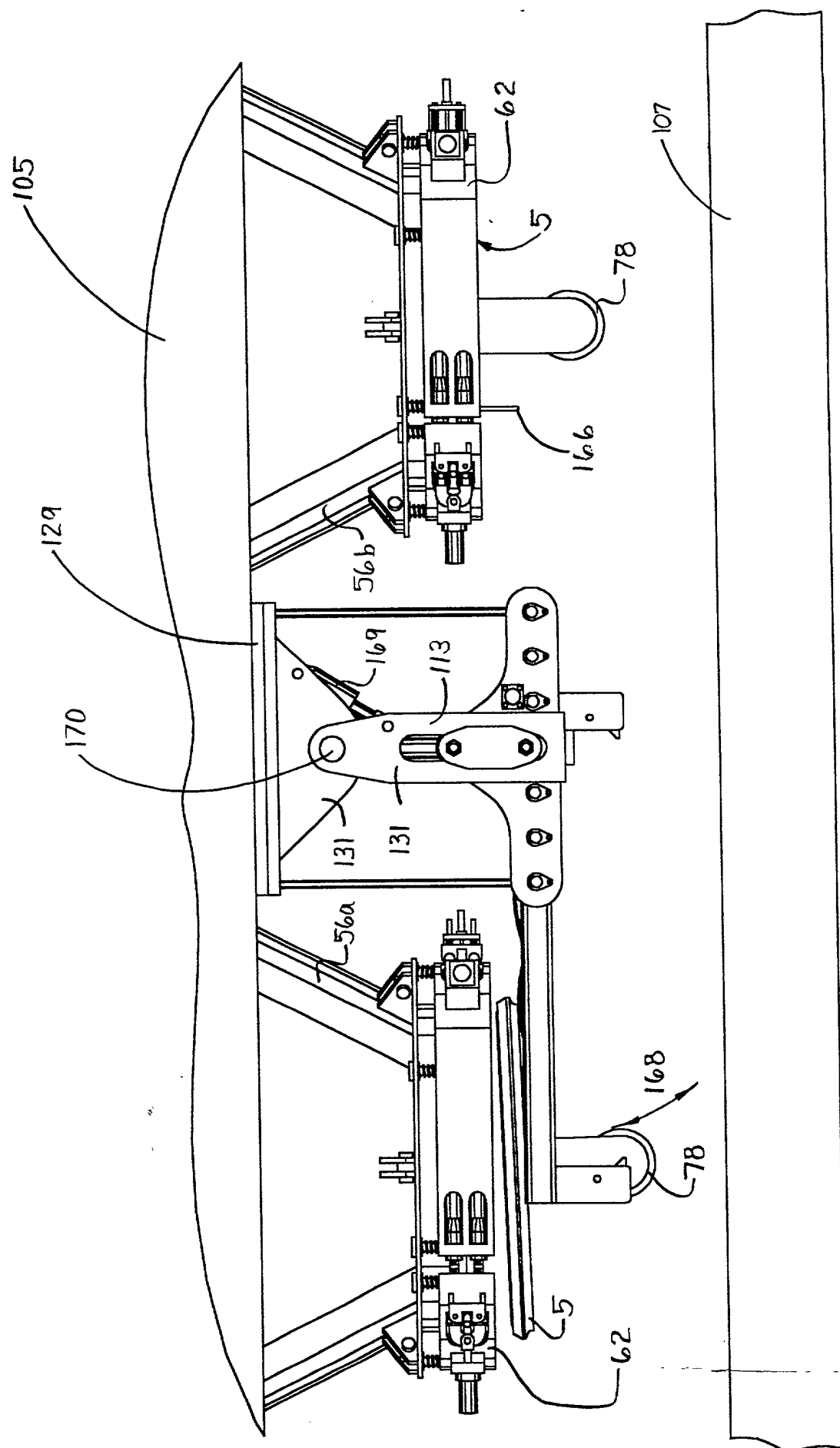


FIG. 32

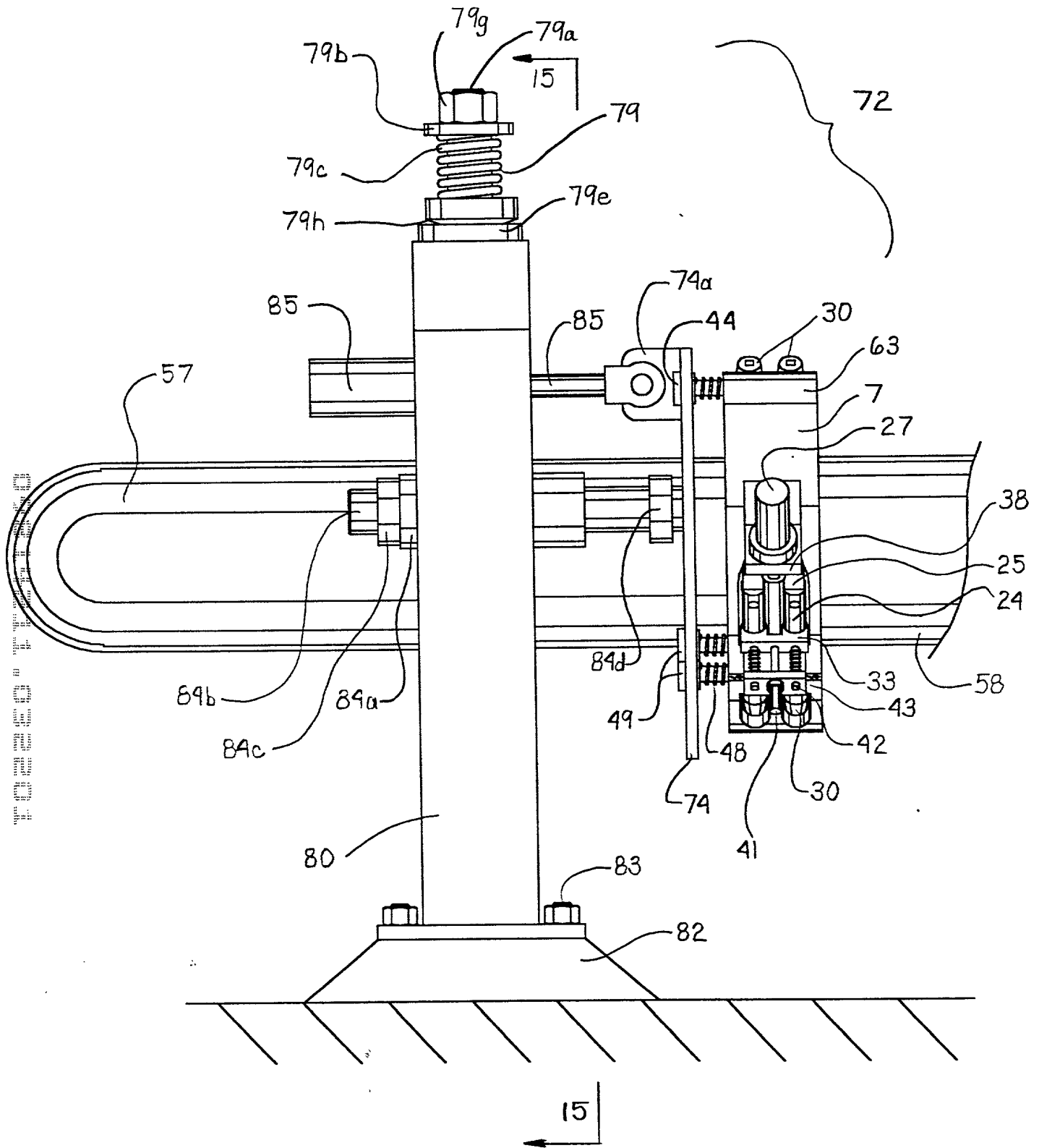


FIG. 33

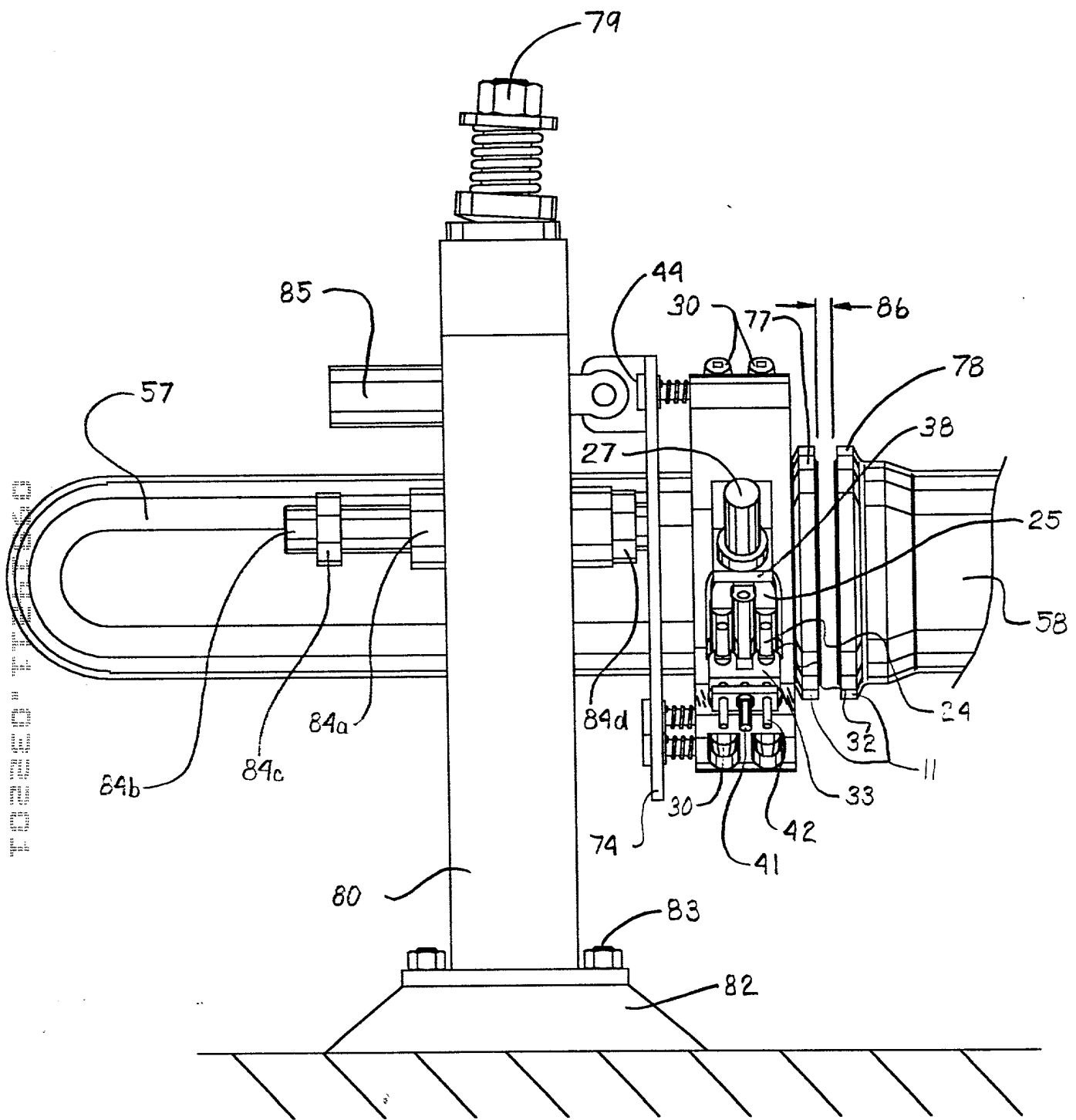


FIG. 34

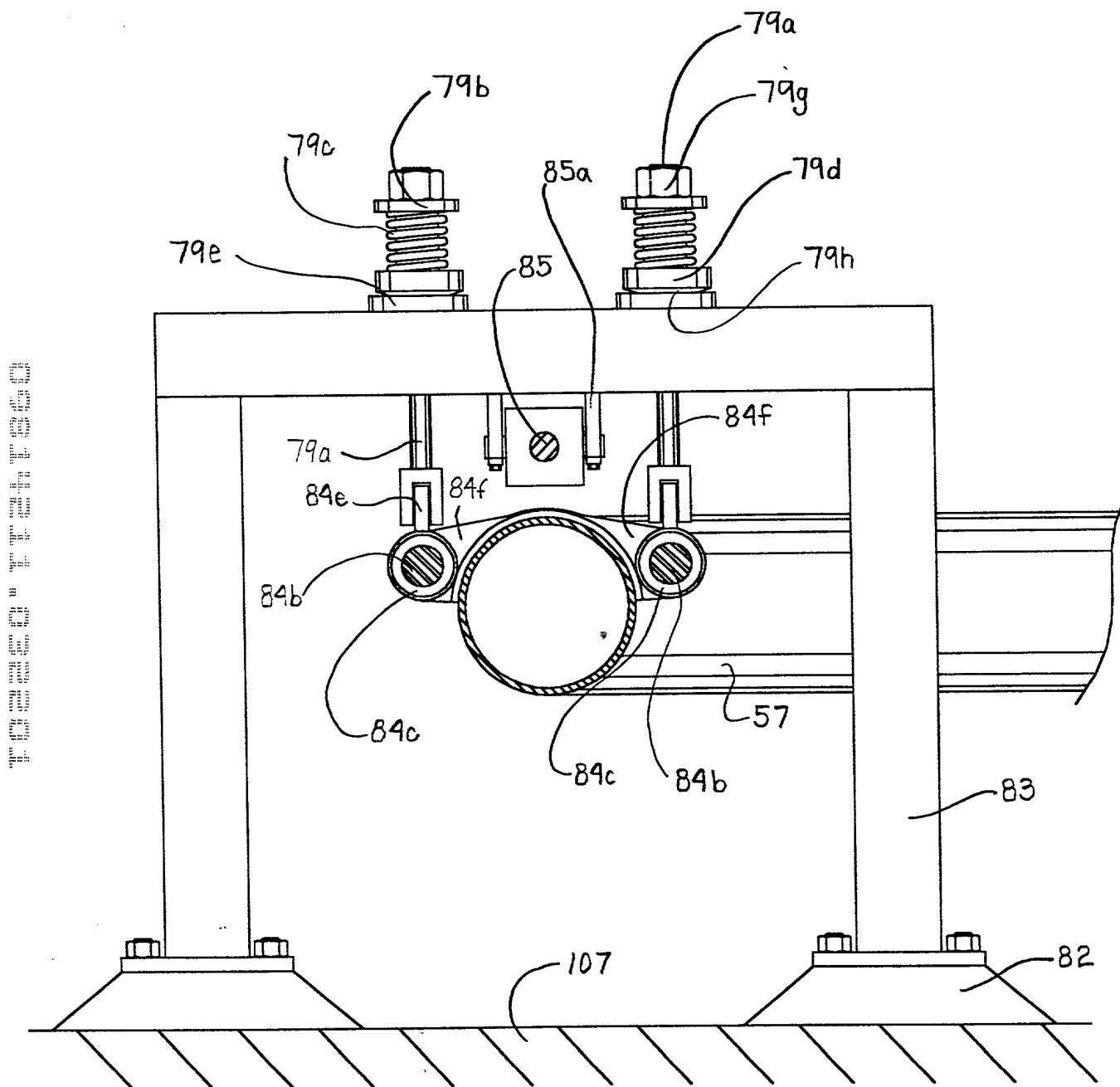


FIG. 35



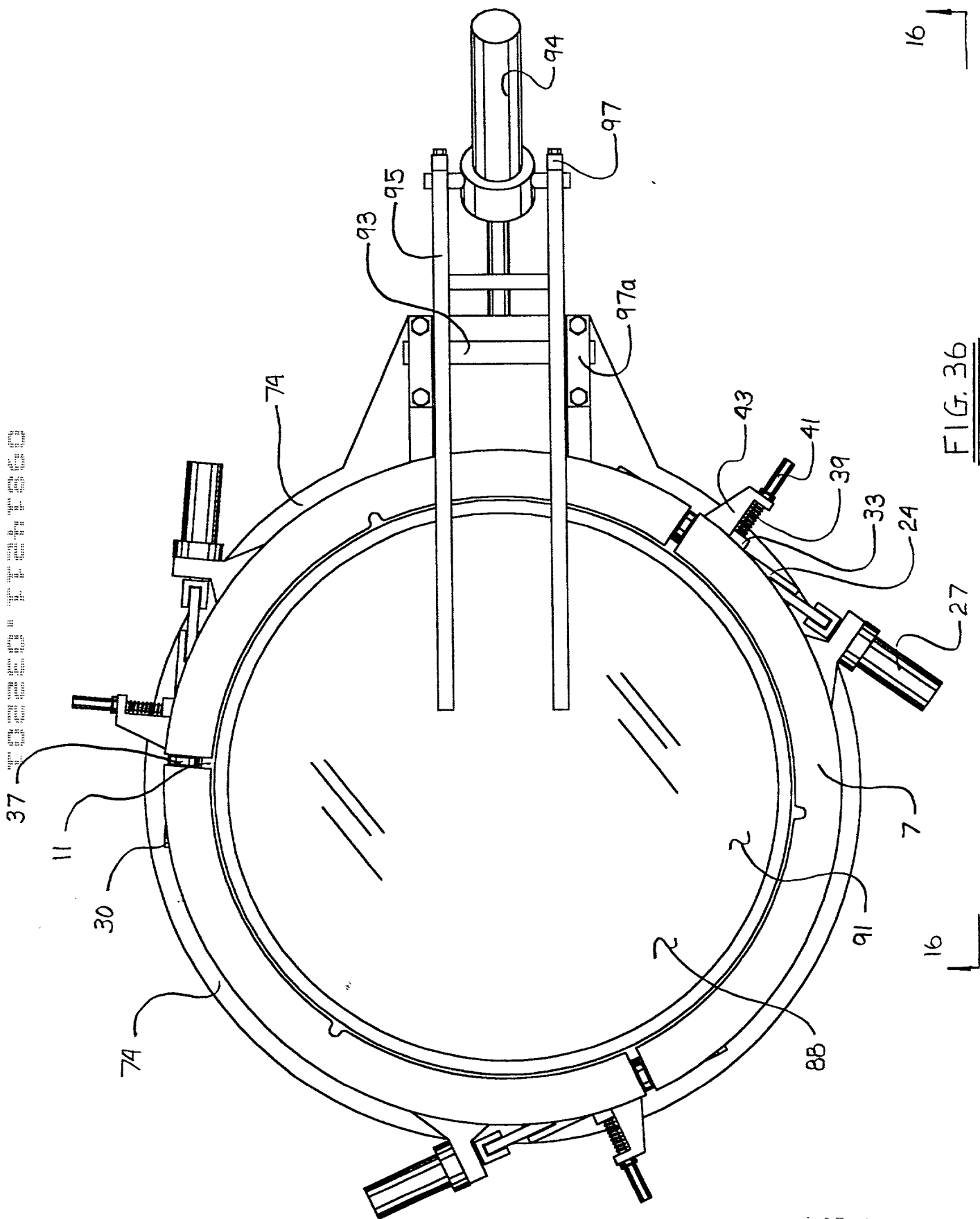


FIG. 36

FIG. 37 is a perspective view of the device 100 in a closed position, showing the handle 7 and the body 44. The handle 7 is connected to the body 44 via a hinge mechanism 24. The handle 7 includes a grip 25 and a trigger 26. The body 44 includes a base 48 and a top 56. The device 100 is shown in a closed position, with the handle 7 folded against the body 44.

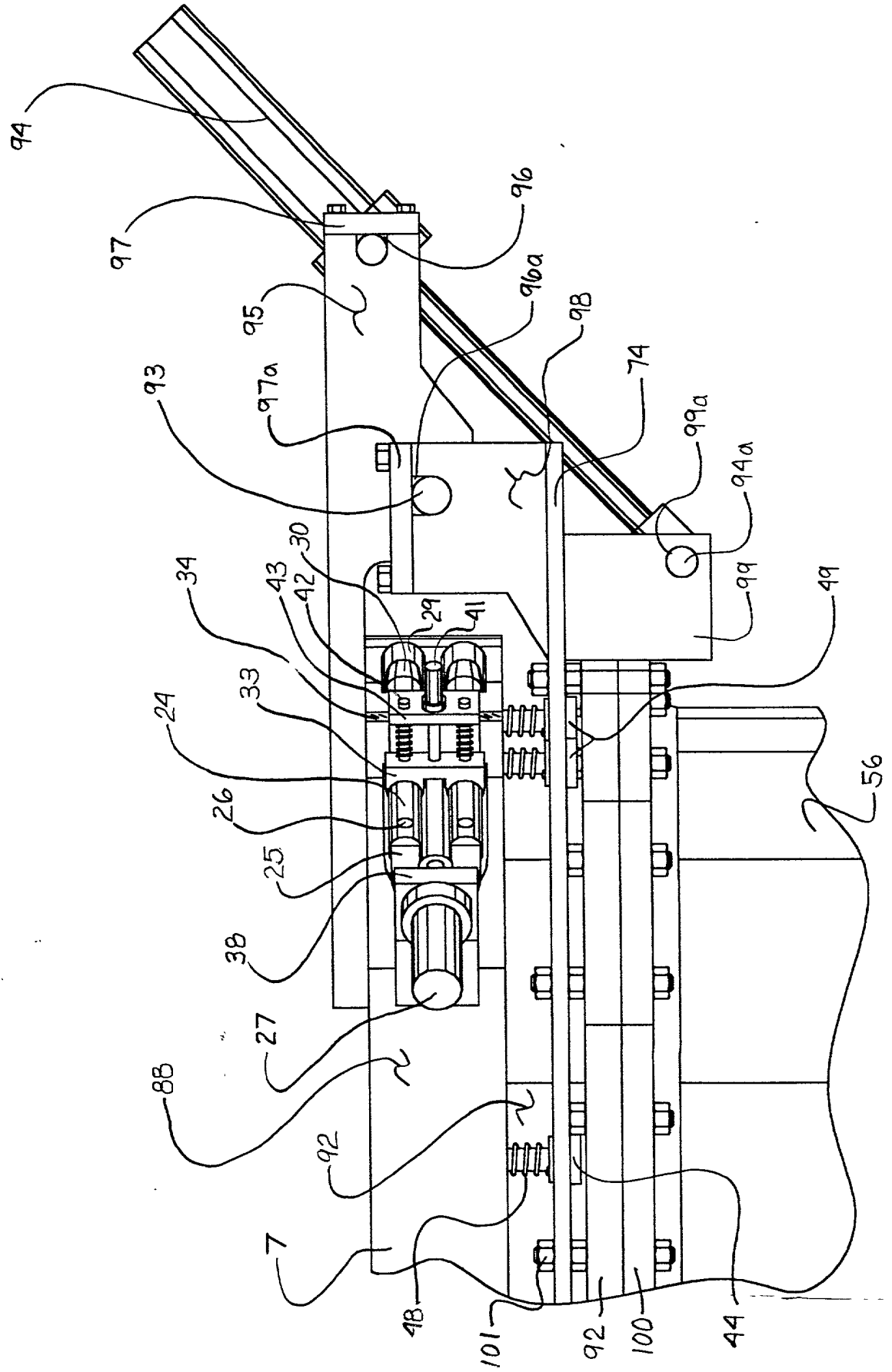


FIG. 37

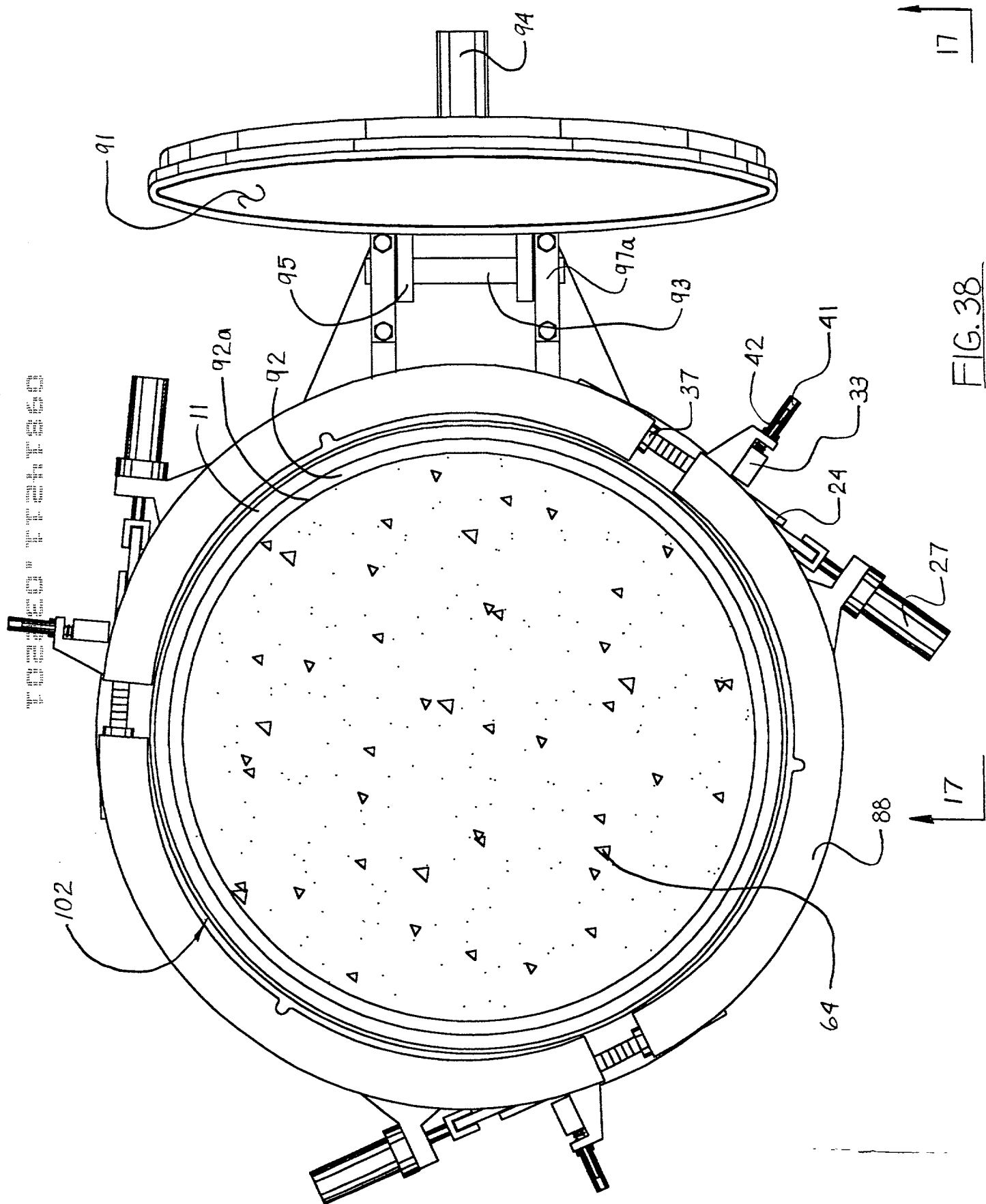


FIG. 38

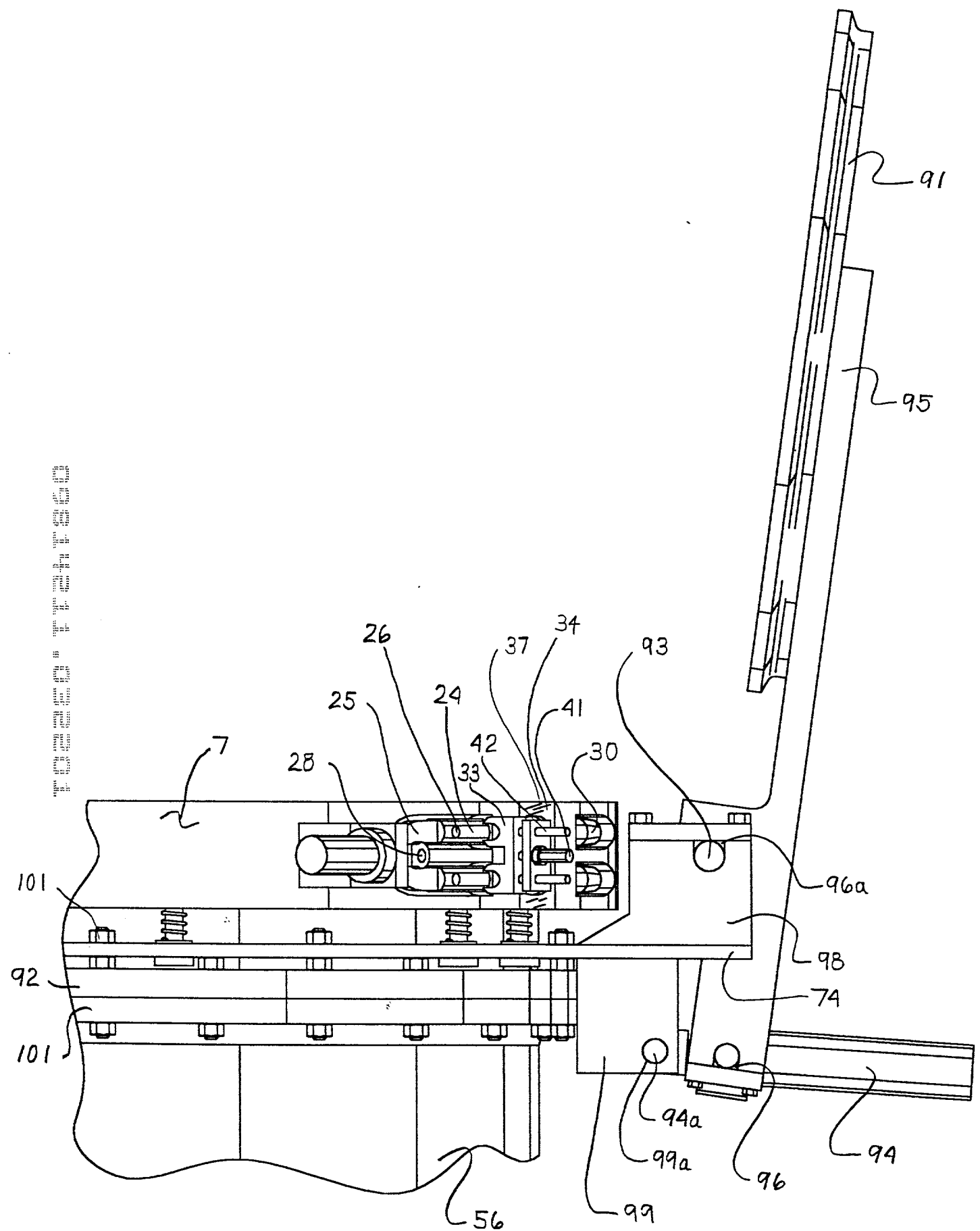


FIG. 39

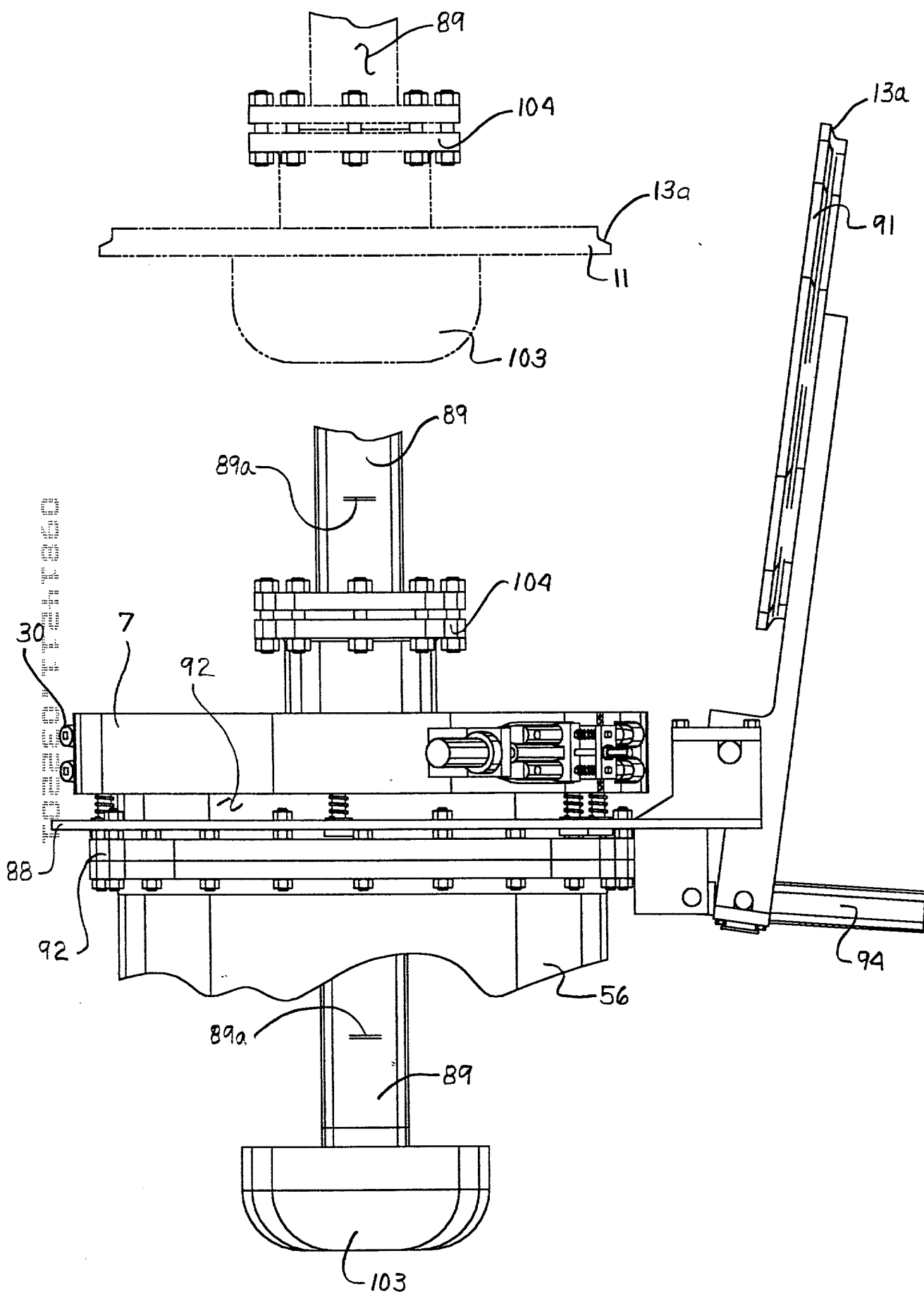


FIG. 40



